AIWA®

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SERVICE MANUAL

MODEL NO. V-770

■STEREO CASSETTE RECEIVER
■STEREO TURNTABLE SYSTEM
■SPEAKER SYSTEM

■TYPE. HB, UB, CB, GB, KB

MODEL NO. CP-770

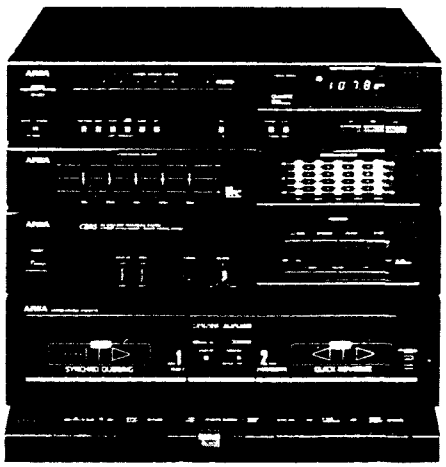
■STEREO CASSETTE RECEIVER
■STEREO TURNTABLE SYSTEM

■TYPE. HB, EB, ZB

MODEL NO. HF-750

■STEREO CASSETTE RECEIVER
■SPEAKER SYSTEM

■TYPE. HB



(CASSETTE RECEIVER CX-S770)

			H	U	C	G	K	E	Z
V-770	CASSEIVER	CX-S770	●	●	●	●	●		
	TURNTABLE	PX-SE770	●	●	●	●	●		
	REMOTE-CON	RC-T770 F	●	●	●	●			
		RC-T770 L					●		
	SPEAKER	SX-S770	●			●			
		SX-S770 A		●	●		●		
CP-770	CASSEIVER	CX-S770	●					●	●
	TURNTABLE	PX-SE770	●					●	●
	REMOTE-CON	RC-T770 F	●						
		RC-T770 L						●	●
HF-750	CASSEIVER	CX-S770	●						
	REMOTE-CON	RC-T770 F	●						
	SPEAKER	SX-S750	●						

AIWA Co., Ltd. Tokyo Japan

Printed in Japan

SPECIFICATIONS

CX-770

< Common >

Power requirements	CX-770H, U, C 120 V/220 V/240 V switchable 50/60 Hz CX-770E, Z 220 V 50/60 Hz CX-770K, G 240 V 50/60 Hz
Power consumption	CX-770E, K, G, Z 275 W (System total 285 W) CX-770H 70 W (System total 78 W) CX-770U, C 110 W (System total 120 W)
Dimensions	330(W) × 316.5(H) × 340(D) mm
Weight	9.5 kg

< Amplifier section >

Power output	CX-770E, G, K, Z 35 W+35 W (8 ohms, T.H.D. 1%, 1 kHz) CX-770H 50 W+50 W (8 ohms, EIAJ) < FTC Rule U model only > 35 Watts per channel, Min. RMS at 8 ohms, from 40 Hz—20 kHz, with no more than 1% Total Harmonic Distortion.
Power bandwidth (IHF)	20 Hz—50 kHz
Signal-to-noise ratio	88 dB
Output terminals	
SPEAKERS	8—16 ohms
HEADPHONES	8 ohms
Input terminal (Sensitivity/Impedance)	
AUX	200 mV/47 kohms

< FM section >

Frequency range	FM: 87.5 MHz to 108 MHz
Usable sensitivity (IHF)	3.1 μV (300 ohms) 15.2 dBf
Alternate channel selectivity	52 dB (± 400 kHz)
Signal-to-noise ratio	77 dB (MONO)
Image response ratio	45 dB
Frequency response	30 Hz to 15 kHz (+0.5, −3 dB)
Stereo separation	35 dB at 1 kHz
Antenna	75 ohms (unbalanced) 300 ohms (balanced) (except Z model)

< AM section >

Frequency range	AM: 530 kHz to 1,605 kHz
AM sensitivity	CX-770H, U, C, G 300 μV/m CX-770E, K, Z 400 μV/m
Selectivity	25 dB (9 kHz)
Signal-to-noise ratio	50 dB (100 dB input)
Antenna	Loop antenna

< LW section > (E, K, Z model only)

Frequency range	LW: 150 kHz to 285 kHz
Sensitivity	800 μV/m
Antenna	Loop antenna

< Deck section >

Track format	4 tracks, 2 channels
Frequency response	METAL tape: 30—16,000 Hz CrO_2 tape: 30—15,000 Hz NORMAL tape: 30—14,000 Hz
Signal-to-noise ratio	60 dB (METAL tape DOLBY NR ON)
Wow and flutter	According to DIN 45 500 0.2% 0.09% (WRMS)
Tape speed	4.8 cm/sec. (1-7/8 ips), 9.5 cm/sec. (Double speed)
Rewind time	110 sec. (C-60)
Fast forward time	110 sec. (C-60)
Recording system	AC bias
Erase system	AC erase
Motor	DC Servomotor × 2
Heads	Playback head × 1 (Deck 1) Record/playback head × 1 (Deck 2) Erase head × 1 (Deck 2)

PX-E770

Drive system	Belt drive system
Speeds	33-1/3 and 45 rpm
Wow & flutter	0.2% (WRMS)
S/N ratio	50 dB (DIN-B)
Cartridge type	VM type
Frequency response	20—20,000 Hz
Dimensions	330(W) × 98(H) × 350(D)mm
Weight	2.5 kg

SX-770

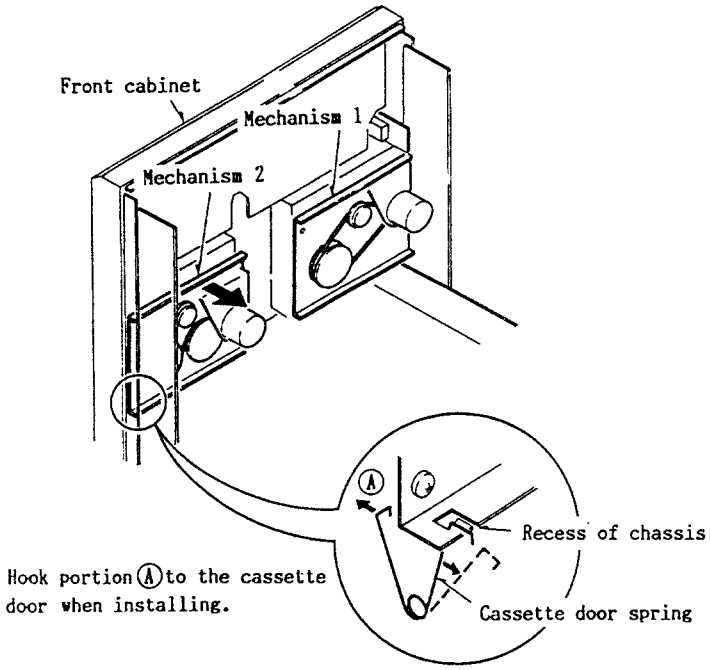
Cabinet type:	Bass reflex
Speaker:	220 mm cone type woofer 50 mm cone type tweeter
Frequency response:	45 to 18,000 Hz
Impedance:	8 ohms
Output sound pressure level:	90 dB/W/m
Music power:	50 W
Dimensions:	280(W) × 461(H) × 180(D) mm
Weight:	4.0 kg

- Design and specifications are subject to change without notice.
- Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.
- Dolby and the DD symbol are trademarks of Dolby Laboratories Licensing Corporation.

MODEL NO.

CX-S770

DISASSEMBLY INSTRUCTIONS



1. Removing Cassette Door Spring

1) Remove the spring from the recess of the chassis as shown in the figure. Reinstall the spring through the recess of the chassis. (See Figure-1)

ELECTRICAL MAIN PARTS LIST (CX-S770E, K, Z, SYSTEM 305)

REF.NO.	PART NO.	ORDER	DESCRIPTION
⁼⁼⁼ IC ⁼⁼⁼			
	87-001-153-019	S	IC,BA6154
	87-020-981-010	J	IC,CXA-1102
	87-020-858-019	S	IC,LA1177
	87-020-566-019	S	IC,LA1265
	87-020-271-019	S	IC,LA3600
	87-020-978-019	S	IC,LA7224
	81-794-610-019	S	IC,LC6543H-3333
	87-020-859-019	S	IC,LC7217
	87-020-555-019	S	IC,M4584BP
	87-020-680-019	S	IC,NJM2068S
	87-020-758-019	S	IC,NJM2068SD
┌	87-020-908-019	S	IC,NJU4066BD
└	87-020-974-018	G	IC,NJU4066BD
	87-020-982-019	S	IC,STK4162MK-2
	87-027-867-019	S	IC,TA7343P
┌	87-027-958-019	S	IC,TC4051BP
└	87-020-973-018	G	IC,TC4051BP
┌	87-027-827-019	S	IC,TC4069UBP
└	87-020-975-018	G	IC,TC4069UBP
	87-020-943-010	J	IC,TC9176P
	87-027-787-019	S	IC,UPC1237H
	87-020-989-010	J	IC,UPD7528ACU-204
⁼⁼⁼ TRANSISTOR ⁼⁼⁼			
	89-501-615-019	S	FET,2SK161GR
	89-502-415-019	S	FET,2SK241GR
	89-502-465-019	S	FET,2SK246GR
	89-502-464-019	S	FET,2SK246Y
	89-503-735-019	S	FET,2SK373GR
	87-026-214-019	S	TRANSISTOR,DTA114YS
	87-026-286-019	S	TRANSISTOR,DTA143ES
	87-026-219-019	S	TRANSISTOR,DTA144ES
	87-026-215-019	S	TRANSISTOR,DTC114YS
	87-026-218-019	S	TRANSISTOR,DTC144ES
	89-106-842-019	S	TRANSISTOR,2SA684P
	89-109-521-019	S	TRANSISTOR,2SA952K
	89-110-155-019	S	TRANSISTOR,2SA1015GR
	89-309-456-019	S	TRANSISTOR,2SC945P
	89-313-846-019	S	TRANSISTOR,2SC1384R
	89-318-154-019	S	TRANSISTOR,2SC1815Y
	89-319-233-019	S	TRANSISTOR,2SC1923(O) (CX-S770,Z)
	89-320-011-019	S	TRANSISTOR,2SC2001K
	89-412-753-019	S	TRANSISTOR,2SD1275
	89-417-613-019	S	TRANSISTOR,2SD1761F
	89-406-555-019	S	TRANSISTOR,2SD655E
⁼⁼⁼ MAIN CIRCUIT BOARD SECTION ⁼⁼⁼			
PCB-A	*	S	MAIN CIRCUIT BOARD
⚠	87-033-147-019	S	FUSE CLAMP
	87-033-193-010	J	ANT,TERMINAL ASSY E (CX-S770E,SYSTEM 305)
	87-033-194-010	J	ANT,TERMINAL ASSY K (CX-S770,K)
	87-049-560-019	S	CONNECTOR,FTZ(CX-S770,Z)
BPF101	87-030-134-010	J	BPF(CX-S770,Z)
C101	*87-010-544-019	S	CAP,ELECT 0.1-50V
C102	*87-018-017-019	S	CAP,CERA-SOL S 24PF J 50V SL
C103	*87-014-049-019	S	CAP,PP 470P
C104	*87-010-401-019	S	CAP,ELECT 1-50V
C105	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C106	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C107	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y

REF.NO.	PART NO.	ORDER	DESCRIPTION
C108	*87-010-402-019	S	CAP,ELECT 2.2-50V(CX-S770,Z)
C109	*87-010-382-019	S	CAP,ELECT 22-25V SME
C110	*87-018-038-019	S	CAP,CERA-SOL K 330PF 50V B
C111	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C112	*87-010-378-019	S	CAP,ELECT 10-16V
C113	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C114	*87-010-544-019	S	CAP,ELECT 0.1-50V
C115	*87-010-403-019	S	CAP,ELECT 3.3-50V SME
C116	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C117	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C118	*87-018-017-019	S	CAP,CERA-SOL S 24PF J 50V SL
C119	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C120	*87-010-402-019	S	CAP,ELECT 2.2-50V
C121	*87-010-402-019	S	CAP,ELECT 2.2-50V
C122	*87-010-403-019	S	CAP,ELECT 3.3-50V SME
C123	*87-010-401-019	S	CAP,ELECT 1-50V
C124	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C125	*87-010-378-019	S	CAP,ELECT 10-16V
C126	*87-010-252-019	S	CAP,ELECT 1000-6.3
C127	*87-010-402-019	S	CAP,ELECT 2.2-50V
C128	*87-010-402-019	S	CAP,ELECT 2.2-50V
C131	*87-010-402-019	S	CAP,ELECT 2.2-50V
C132	*87-010-402-019	S	CPA,ELECT 2.2-50V
C133	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C134	*87-010-378-019	S	CAP,ELECT 10-16V
C137	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C138	*87-010-402-019	S	CAP,ELECT 2.2-50V(CX-S770,Z)
C139	*87-018-007-019	S	CAP,CERA-SOL 6,8P K 50V SL
C140	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C141	*87-010-401-019	S	CAP,ELECT 1-50V
C142	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C143	*87-010-401-019	S	CPA,ELECT 1-50V
C144	*87-018-034-019	S	CAP,CERA-SOL 150P
C146	*87-018-028-019	S	CAP,CERA-SOL 68P
C149	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C164	*87-010-248-019	S	CAP,ELECT 220-10V
C170	*87-014-050-019	S	CAP,PP 510PF
C171	*87-010-378-019	S	CAP,ELECT 10-16V
C192	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C193	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C194	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C301	*87-018-038-019	S	CAP,CERA-SOL K 330PF 50V B
C302	*87-018-038-019	S	CAP,CERA-SOL K 330PF 50V B
C303	*87-018-024-019	S	CAP,CERA-SOL 47P 50V SL
C304	*87-018-024-019	S	CAP,CERA-SOL 47P 50V SL
C309	*87-010-132-019	S	CAP,ELECT BP 1-50V
C310	*87-010-132-019	S	CAP,ELECT BP 1-50V
C311	*87-018-035-019	S	CAP,CERA-SOL 180PF K 50V B
C312	*87-018-035-019	S	CAP,CERA-SOL 180PF K 50V B
C313	*87-018-024-019	S	CAP,CERA-SOL 47P 50V SL
C314	*87-018-024-019	S	CAP,CERA-SOL 47P 50V SL
C319	*87-010-132-019	S	CAP,ELECT BP 1-50V
C320	*87-010-132-019	S	CAP,ELECT BP 1-50V
C321	*87-010-402-019	S	CAP,ELECT 2.2-50V
C322	*87-010-402-019	S	CAP,ELECT 2.2-50V
C327	*87-018-034-019	S	CAP,CERA-SOL K 150PF 50V B
C328	*87-018-034-019	S	CAP,CERA-SOL K 150PF 50V B
C329	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C330	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C334	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C336	*87-010-406-019	S	CAP,ELECT 22-50V
C337	*87-010-380-019	S	CAP,ELECT 47-16V
C338	*87-010-101-019	S	CAP,ELECT 220-16V
C339	*87-010-371-019	S	CAP,ELECT 470-6.3V

REF.NO.	PART NO.	ORDER	DESCRIPTION
C340	*87-010-544-019	S	CAP,ELECT 0.1-50V
C341	*87-010-400-019	S	CAP,ELECT 0.47-50V
C342	*87-010-101-019	S	CAP,ELECT 220-16V
C344	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C345	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C346	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C351	*87-010-401-019	S	CAP,ELECT 1-50V
C352	*87-010-401-019	S	CAP,ELECT 1-50V
C353	*87-018-040-019	S	CAP,CERA-SOL K 470PF 50V B
C354	*87-018-040-019	S	CAP,CERA-SOL K 470PF 50V B
C355	*87-018-040-019	S	CAP,CERA-SOL K 470PF 50V B
C356	*87-018-040-019	S	CAP,CERA-SOL K 470PF 50V B
C357	*87-010-402-019	S	CAP,ELECT 2.2-50V
C358	*87-010-402-019	S	CAP,ELECT 2.2-50V
C359	*87-010-256-019	S	CAP,ELECT 0.68-50V
C360	*87-010-256-019	S	CAP,ELECT 0.68-50V
C361	*87-010-402-019	S	CAP,ELECT 2.2-50V
C362	*87-010-402-019	S	CAP,ELECT 2.2-50V
C363	*87-010-402-019	S	CAP,ELECT 2.2-50V
C364	*87-010-402-019	S	CAP,ELECT 2.2-50V
C365	*87-010-382-019	S	CAP,ELECT 22-25V SME
C366	*87-010-380-019	S	CAP,ELECT 47-16V
C367	*87-010-263-019	S	CAP,ELECT 100-10V
C368	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C370	*87-018-005-019	S	CAP,CERA-SOL CYL 4.7P
C372	*87-010-374-019	S	CAP,ELECT 47-10V
C373	*87-010-400-019	S	CAP,ELECT 0.47-50V
C374	*87-010-382-019	S	CAP,ELECT 22-25V SME
C375	*87-010-378-019	S	CAP,ELECT 10-16V
C381	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C382	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C383	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C501	*87-010-401-019	S	CAP,ELECT 1-50V
C502	*87-010-401-019	S	CAP,ELECT 1-50V
C503	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C504	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C505	*87-010-380-019	S	CAP,ELECT 47-16V
C506	*87-010-380-019	S	CAP,ELECT 47-16V
C507	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C508	*87-010-404-019	S	CAP,ELECT 4.7-50V SME
C509	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C510	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C511	*87-010-380-019	S	CAP,ELECT 47-16V
C512	*87-010-380-019	S	CAP,ELECT 47-16V
C513	*87-010-408-019	S	CAP,ELECT 47-50V
C514	*87-010-408-019	S	CAP,ELECT 47-50V
C515	*87-010-405-019	S	CAP,ELECT 10-50V
C516	*87-010-247-019	S	CAP,ELECT 100-50V SME
C517	*87-018-004-019	S	CAP,CERA-SOL S 3.9P
C518	*87-018-004-019	S	CAP,CERA-SOL S 3.9P
C519	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C520	*87-015-450-019	S	CAP,ELECT BP 220-25V
C522	*87-010-403-019	S	CAP,ELECT 3.3-50V SME
C523	*87-010-374-019	S	CAP,ELECT 47-10V
C524	*87-010-401-019	S	CAP,ELECT 1-50V
C525	*87-010-378-019	S	CAP,ELECT 10-16V
C526	*87-010-405-019	S	CAP,ELECT 10-50V
C527	*87-010-260-019	S	CAP,ELECT 47-25V

REF.NO.	PART NO.	ORDER	DESCRIPTION
C528	*87-010-246-019	S	CAP,ELECT 47-35V
C529	*87-010-246-019	S	CAP,ELECT 47-35V
C530	*81-794-643-019	S	CAP,ELECT 4700-50
C531	*81-794-643-019	S	CAP,ELECT 4700-50
C532	*87-010-384-019	S	CAP,ELECT 100-25V
C533	*87-010-248-019	S	CAP,ELECT 220-10V
C534	*87-010-260-019	S	CAP,ELECT 47-25V
C535	*87-010-453-019	S	CAP,ELECT 4700-25V
C536	*87-010-374-019	S	CAP,ELECT 47-10V
C537	*87-010-402-019	S	CAP,ELECT 2.2-50V
C541	*87-010-260-019	S	CAP,ELECT 47-50V
C543	*87-018-032-019	S	CAP,CERA-SOL 100PF 50V SL
C544	*87-018-032-019	S	CAP,CERA-SOL 100PF 50V SL
C545	*87-010-112-019	S	CAP,ELECT 100-16V
C555	*87-018-024-019	S	CAP,CERA-SOL 47P(CX-S770,Z)
C556	*87-018-024-019	S	CAP,CERA-SOL 47P(CX-S770,Z)
C557	*87-010-380-019	S	CAP,ELECT 47-16V
C559	*87-010-380-019	S	CAP,ELECT 47-16V
C560	*87-010-380-019	S	CAP,ELECT 47-16V
C561	*87-010-380-019	S	CAP,ELECT 47-16V
C562	*87-010-380-019	S	CAP,ELECT 47-16V
C571	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B (CX-S770,Z)
C572	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B (CX-S770,Z)
C576	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C577	*87-018-032-019	S	CAP,CERA-SOL 100P(CX-S770,Z)
C578	*87-018-032-019	S	CAP,CERA-SOL 100P(CX-S770,Z)
C579	*87-018-032-019	S	CAP,CERA-SOL 100P(CX-S770,Z)
C580	*87-018-032-019	S	CAP,CERA-SOL 100P(CX-S770,Z)
C581	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C582	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C587	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C588	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
C590	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C591	*87-018-121-019	S	CAP,CERA-SOL 150PF(CX-S770,Z)
C592	*87-018-121-019	S	CAP,CERA-SOL 150PF(CX-S770,Z)
CF101	*87-008-261-019	S	FILTER SFE 10.7 MA5-A
CF102	*87-794-670-019	S	BFU 450C4N
CF103	*82-794-697-019	S	ANT BIRDY(CX-S770,Z)
D101	*81-754-634-019	S	VARI CAP KV 1260
D102	87-020-465-019	S	DIODE 1SS133
D103	87-027-475-019	S	DIODE,ZENER HZ-6B1
D104	87-020-465-019	S	DIODE 1SS133
D105	87-020-465-019	S	DIODE 1SS133
D107	87-020-465-019	S	DIODE 1SS133
D301	87-020-123-019	S	DIODE DS446
D302	87-020-123-019	S	DIODE DS446
D303	87-020-123-019	S	DIODE DS446
D304	87-020-123-019	S	DIODE DS446
D305	87-027-475-019	S	DIODE,ZENER HZ-6B1
D306	87-020-123-019	S	DIODE DS446
D307	87-027-475-019	S	DIODE,ZENER HZ-6B1
D308	87-020-465-019	S	DIODE 1SS133
D309	87-020-465-019	S	DIODE 1SS133
D310	87-020-465-019	S	DIODE 1SS133
D311	87-020-465-019	S	DIODE 1SS133

REF.NO.	PART NO.	ORDER	DESCRIPTION
D312	87-020-465-019	S	DIODE 1SS133
D313	87-020-465-019	S	DIODE 1SS133
D314	87-020-465-019	S	DIODE 1SS133
D315	87-020-465-019	S	DIODE 1SS133
D316	87-020-465-019	S	DIODE 1SS133
D317	87-020-465-019	S	DIODE 1SS133
D318	87-027-301-019	S	DIODE,ZENER HZ-3A1
D319	87-020-465-019	S	DIODE 1SS133
D320	87-020-465-019	S	DIODE 1SS133
D321	87-020-123-019	S	DIODE DS446
D501	87-027-475-019	S	DIODE,ZENER HZ-6B1
D504	87-020-465-019	S	DIODE 1SS133
D505	87-020-123-019	S	DIODE DS446
D507	87-027-451-019	S	DIODE,ZENER HZ27-2L
D508	87-020-465-019	S	DIODE 1SS133
D509	87-027-702-019	S	DIODE,ZENER HZ-6C2L
D510	87-027-702-019	S	DIODE,ZENER HZ-6C2L
D511	87-027-449-019	S	DIODE,ZENER HZ15-3L
D512	87-027-474-019	S	DIODE,ZENER HZ11A2
D513	87-027-474-019	S	DIODE,ZENER HZ11A2
D514	87-020-465-019	S	DIODE 1SS133
D515	87-020-465-019	S	DIODE 1SS133
D516	87-020-945-010	S	DIODE LPG06D
D517	87-020-945-010	S	DIODE LPG06D
D518	87-020-945-010	S	DIODE LPG06D
D519	87-020-945-010	S	DIODE LPG06D
D520	87-020-946-010	S	DIODE KBPC 602L
D521	87-020-465-019	S	DIODE 1SS133(CX-S770)
D522	87-020-465-019	S	DIODE 1SS133(CX-S770)
D523	87-020-465-019	S	DIODE 1SS133(CX-S770)
D524	87-020-465-019	S	DIODE 1SS133(CX-S770)
D525	87-020-465-019	S	DIODE 1SS133
D526	87-020-465-019	S	DIODE 1SS133
D527	87-020-465-019	S	DIODE 1SS133
D528	87-020-465-019	S	DIODE 1SS133
D529	87-020-465-019	S	DIODE 1SS133(CX-S770)
D530	87-020-465-019	S	DIODE 1SS133(CX-S770)
D531	87-020-465-019	S	DIODE 1SS133
D532	87-020-465-019	S	DIODE 1SS133
D533	87-020-465-019	S	DIODE 1SS133
D534	87-020-465-019	S	DIODE 1SS133
⚠ F1	87-035-369-010	J	FUSE,T5A
⚠ F2	87-035-369-010	J	FUSE,T5A
⚠ F3	87-035-365-010	J	FUSE,T2A
⚠ F6	87-035-222-010	J	FUSE,T1A(CX-S770)
⚠ F7	87-035-222-010	J	FUSE,T1A(CX-S770)
J1	87-049-851-019	J	JACK PIN 2P(AUX)
J1	87-049-851-019	J	JACK PIN 2P(CD)(SYSTEM 305)
J2	87-049-833-019	S	JACK 5P(PHONO)
J3	87-049-659-019	S	JACK 13P(CD)(CX-S770)
J5	87-049-852-019	S	JACK,3.5(SURROUND SP.L)
J6	87-049-852-019	S	JACK,3.5(SURROUND SP.R)
J7	*87-033-195-019	S	TERMINAL,SP-4P(SPEAKERS)
L3	*81-753-638-019	S	COIL QUAD (P)
L4	*81-753-639-019	S	COIL QUAD (S)
L101	*87-006-141-019	S	COIL MW ANT-6R(S)
L102	*82-794-687-019	S	OSC MW
L103	87-006-142-019	S	COIL LW ANT
L104	82-794-688-019	S	COIL LW OSC
L105	*81-701-642-019	S	CFLZ-450A
L106	*87-008-253-019	S	LPF
L107	*87-005-121-019	S	COIL 2.2UH
L301	*87-003-129-019	S	COIL J 6.8MMH
L302	*87-003-129-019	S	COIL J 6.8MMH
L303	*87-003-125-019	S	COIL J 3.3MMH

REF.NO.	PART NO.	ORDER	DESCRIPTION
L304	*87-003-125-019	S	COIL J 3.3MMH
L305	*81-794-661-019	S	COIL OSC
L501	*87-005-366-019	S	COIL,1UH(CX-S770,Z)
L502	*87-005-366-019	S	COIL,1UH(CX-S770,Z)
L503	*87-003-057-019	S	COIL,4.7UH(CX-S770,Z)
R517	*87-025-393-010	J	RES,MFO 2W 0.22
R518	*87-025-393-010	J	RES,MFO 2W 0.22
⚠ R534	*87-029-102-010	J	RES,FUSIBLE 1/4W 47
⚠ R535	*87-029-082-010	J	RES,FUSIBLE 1/4W 100F
⚠ R545	*87-029-089-010	J	RES,FUSIBLE 1/4W 4.7
⚠ R548	*87-029-102-010	J	RES,FUSIBLE 1/4W 47
⚠ R569	*87-029-105-010	J	RES,FUSIBLE 1/2W 10
⚠ R570	*87-029-105-010	J	RES,FUSIBLE 1/2W 10
⚠ R597	*87-029-089-010	J	RES,FUSIBLE 1/4W 4.7
⚠ R602	*87-029-089-010	J	RES,FUSIBLE 1/4W 4.7
RY501	87-045-251-019	S	RELAY G5R-12V
SFR1	*87-021-737-019	S	SFR 470
SFR2	*87-021-737-019	S	SFR 470
SFR3	*87-021-737-019	S	SFR 470
SFR4	*87-021-737-019	S	SFR 470
SFR5	*87-021-741-019	S	SFR 4.7K
SFR6	*87-021-741-019	S	SFR 4.7K
SFR7	*87-021-743-019	S	SFR 22KB
SFR8	*87-021-743-019	S	SFR 22KB
SFR101	*87-021-742-019	S	SFR 10K
TC101	*87-011-131-019	S	CAP,TRIMMER 30PF
TC102	*87-011-131-019	S	CAP,TRIMMER 30PF
TC103	*87-011-131-019	S	CAP,TRIMMER 30PF
VR501	81-794-644-019	S	VOLUME 50KA 2 GANG(INPUT LEV.)
X101	*87-030-133-019	S	CRYSTAL 7.2M (S)
=== FRONT CIRCUIT BOARD SECTION ===			
PCB-B	*	S	FRONT CIRCUIT BOARD
C701	*87-015-697-019	S	CAP,ELECT 3.3-50V SRA
C702	*87-015-697-019	S	CAP,ELECT 3.3-50V SRA
C705	*87-015-695-019	S	CAP,ELECT 1-50V SRA
C706	*87-015-695-019	S	CAP,ELECT 1-50V SRA
C709	*87-015-692-019	S	CAP,ELECT 0.22-50V
C710	*87-015-692-019	S	CAP,ELECT 0.22-50V
C719	*87-018-039-019	S	CAP,CERA-SOL 390PF K 50V
C720	*87-018-039-019	S	CAP,CERA-SOL 390PF K 50V
C723	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V
C724	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V
C725	*87-015-681-019	S	CAP,ELECT 10-16V SRA
C726	*87-015-681-019	S	CAP,ELECT 10-16V SRA
C727	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C728	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C731	*87-015-681-019	S	CAP,ELECT 10-16V SRA
C732	*87-015-681-019	S	CAP,ELECT 10-16V SRA
C733	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C734	*87-010-112-019	S	CAP,ELECT 100-16V
C739	*87-015-692-019	S	CAP,ELECT 0.22-50V
C740	*87-015-693-019	S	CAP,ELECT 0.33-50V S
C750	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C751	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C752	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C753	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C754	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C755	*87-010-101-019	S	CAP,ELECT 220-16V
C760	*87-010-264-019	S	CAP,ELECT 100-10V SRE
C761	*87-010-379-019	S	CAP,ELECT 22-16V SME
C763	*87-014-068-019	S	CAP,PP 3000P
C764	*87-015-698-019	S	CAP,ELECT 4.7-50V SRA
C765	*87-018-046-019	S	CAP,CERA-SOL 0.0047UF 25V

REF.NO.	PART NO.	ORDER	DESCRIPTION
C766	*87-010-264-019	S	CAP,ELECT 100-10V SRE
C768	*87-010-264-019	S	CAP,ELECT 100-10V SRE
C770	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C771	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C772	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C773	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C774	*87-018-041-019	S	CAP,CERA-SOL K 560PF 50V B
C775	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C835	*87-010-392-019	S	CAP,ELECT 33-35V
C851	*87-010-379-019	S	CAP,ELECT 22-16V SME
C852	*87-018-020-019	S	CAP,CERA-CYL 33P
C854	*87-015-684-019	S	CAP,ELECT 47-16V SRA
C856	*87-010-379-019	S	CAP,ELECT 22-16V SME
C859	*87-010-248-019	S	CAP,ELECT 220-10V
C860	*87-015-684-019	S	CAP,ELECT 47-16V SRA
D751	87-020-979-019	S	PIN PHOTO DIODE SPS-503(REM.SE.)
D761	87-020-465-019	S	DIODE 1SS133
D762	87-020-465-019	S	DIODE 1SS133
D763	87-020-465-019	S	DIODE 1SS133
D764	87-020-465-019	S	DIODE 1SS133
D765	87-020-465-019	S	DIODE 1SS133
D767	87-020-465-019	S	DIODE 1SS133
D851	87-020-465-019	S	DIODE 1SS133
D852	87-020-465-019	S	DIODE 1SS133 (CX-S770,E,Z,SYSTEM 305)
D853	87-020-465-019	S	DIODE 1SS133
D855	87-020-465-019	S	DIODE 1SS133
D856	87-020-465-019	S	DIODE 1SS133
D857	87-020-465-019	S	DIODE 1SS133
D858	87-020-465-019	S	DIODE 1SS133
D859	87-020-465-019	S	DIODE 1SS133
D860	87-020-465-019	S	DIODE 1SS133
D865	87-020-465-019	S	DIODE 1SS133
D866	87-020-465-019	S	DIODE 1SS133
D867	87-020-465-019	S	DIODE 1SS133
D868	87-027-393-019	S	DIODE,ZENER HZ4C2
D869	87-020-465-019	S	DIODE 1SS133
FL1	*81-783-662-010	S	FL,2PRO EX(TIM./FREQ.DISPLAY)
L751	*81-783-656-019	S	COIL YX
L761	*81-794-611-019	S	COIL 2 MHZ
L762	*87-003-045-019	S	COIL CHOKE
L763	*87-003-045-019	S	COIL CHOKE
L791	*87-003-045-019	S	COIL CHOKE
L792	*87-003-045-019	S	COIL CHOKE
LED1	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.70HZ)
LED2	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.70HZ)
LED3	*87-020-986-019	S	LED SLZ981C-02-T1(SP.A.70HZ)
LED4	*87-020-986-019	S	LED SLZ981C-02-T1(SP.A.70HZ)
LED5	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.70HZ)
LED6	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.350HZ)
LED7	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.350HZ)
LED8	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.350HZ)
LED9	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.350HZ)
LED10	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.350HZ)
LED11	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.1KHZ)
LED12	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.1KHZ)
LED13	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.1KHZ)
LED14	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.1KHZ)
LED15	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.1KHZ)
LED16	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.3.5KHZ)
LED17	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.3.5KHZ)
LED18	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.3.5KHZ)
LED19	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.3.5KHZ)
LED20	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.3.5KHZ)

REF.NO.	PART NO.	ORDER	DESCRIPTION
LED21	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.10KHZ)
LED22	*87-020-987-019	S	LED SLZ981C-02-T1(SP.A.10KHZ)
LED23	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.10KHZ)
LED24	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.10KHZ)
LED25	*87-020-986-019	S	LED SLZ381C-02-T1(SP.A.10KHZ)
LED26	*87-020-551-019	S	LED TLG208(CD)(CX-S770)
LED26	*87-020-551-019		LED TLG208(AUX)(SYSTEM 305)
LED27	*87-020-551-019	S	LED TLG208(AUX)(CX-S770)
LED27	*87-020-551-019		LED TLG208(CD)(SYSTEM 305)
LED28	*87-020-551-019	S	LED TLG208(PHONO)
LED29	*87-020-551-019	S	LED TLG208(TAPE)
LED30	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED31	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED32	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED33	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED34	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED35	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
LED36	*87-020-551-019	S	LED TLG208(VOL.INDICATOR)
SW1	87-031-897-019	S	SW PUSH(OSC)
SW2	81-794-612-019	S	SW PUSH(DOLBY NR)
SW3	+++	S	SW PUSH(CBRS)(CX-S770)
SW3	+++	S	SW PUSH(CONT.PLAY)(SYSTEM 305)
SW4	87-031-771-010	J	SW TACT(CD)(CX-S770)
SW4	87-031-771-010		SW TACT(AUX)(SYSTEM 305)
SW5	87-031-771-010	J	SW TACT(AUX)(CX-S770)
SW6	87-031-771-010	J	SW TACT(PHONO)
SW7	87-031-771-010	J	SW TACT(TAPE)
SW8	87-031-771-010	J	SW TACT(VOLUME UP)
SW9	87-031-771-010	J	SW TACT(VOLUME DOWN)
SW10	81-735-611-019	S	SW PUSH(POWER)
SW11	87-031-771-010	J	SW TACT(FM)
SW12	87-031-771-010	J	SW TACT(MW)
SW13	87-031-771-010	J	SW TACT(TUN./TIM.UP)
SW14	87-031-771-010	J	SW TACT(TUN./TIM.DOWN)
SW15	87-031-771-010	J	SW TACT(PRESET STATION)
SW16	87-031-771-010	J	SW TACT(PRESET STATION 8)
SW17	87-031-771-010	J	SW TACT(PRESET STATION 7)
SW18	87-031-771-010	J	SW TACT(PRESET STATION 6)
SW19	87-031-771-010	J	SW TACT(PRESET STATION 5)
SW20	87-031-771-010	J	SW TACT(PRESET STATION 4)
SW21	87-031-771-010	J	SW TACT(PRESET STATION 3)
SW22	87-031-771-010	J	SW TACT(PRESET STATION 2)
SW23	87-031-771-010	J	SW TACT(PRESET STATION 1)
SW24	87-031-771-010	J	SW TACT(SET)
SW25	87-031-771-010	J	SW TACT(SLEEP)
SW26	87-031-771-010	J	SW TACT(TIMER STANDBY)
SW27	87-031-771-010	J	SW TACT(EVERY)
SW28	87-031-771-010	J	SW TACT(ONCE)
SW29	87-031-771-010	J	SW TACT(TIMER-FREQ)
SW30	84-722-613-019	S	SW SLIDE(FM MODE)
SW31	87-031-771-010	J	SW TACT(LW)
SW5	87-031-771-010		SW TACT(CD)(SYSTEM 305)
VR1	87-024-060-019	S	VR SLIDE 50KB(G.EQ 70HZ)
VR2	87-024-060-019	S	VR SLIDE 50KB(G.EQ 350HZ)
VR3	87-024-060-019	S	VR SLIDE 50KB(G.EQ 1KHZ)
VR4	87-024-060-019	S	VR SLIDE 50KB(G.EQ 3.5KHZ)
VR5	87-024-060-019	S	VR SLIDE 50KB(G.EQ 10KHZ)
VR6	81-794-642-019	S	VR ROTARY 50KW(BALANCE)

=== LOGIC CIRCUIT BOARD SECTION ===

PCB-C	81-794-616-119	S	LOGIC CIRCUIT BOARD
C251	*87-018-009-019	S	CAP,CERA-SOL S 10P J 50V SL
C901	*87-010-382-019	S	CAP,ELECT 22-25V SME
C902	*87-010-401-019	S	CAP,ELECT 1-50V
C903	*87-010-112-019	S	CAP,ELECT 100-16V
C904	*87-010-380-019	S	CAP,ELECT 47-16V
C905	*87-010-378-019	S	CAP,ELECT 10-16V
C906	*87-010-400-019	S	CAP,ELECT 0.47-50V SME
C907	*87-010-402-019	S	CAP,ELECT 2.2-50V(CX-S770)
C908	*87-010-382-019	S	CAP,ELECT 22-25V SME(CX-S770)
C909	*87-010-402-019	S	CAP,ELECT 2.2-50V
C910	*87-010-401-019	S	CAP,ELECT 1-50V
C911	*87-010-380-019	S	CAP,ELECT 47-16V
C912	*87-010-381-019	S	CAP,ELECT 330-16V SME
C913	*87-010-401-019	S	CAP,ELECT 1-50V
D901	87-020-123-019	S	DIODE DS446
D902	87-020-465-019	S	DIODE 1SS133
D903	87-020-465-019	S	DIODE 1SS133
D904	87-020-465-019	S	DIODE 1SS133
D906	87-020-465-019	S	DIODE 1SS133
D907	87-020-465-019	S	DIODE 1SS133
D908	87-020-465-019	S	DIODE 1SS133
D909	87-020-465-019	S	DIODE 1SS133
D910	87-020-465-019	S	DIODE 1SS133
D911	87-020-465-019	S	DIODE 1SS133
D912	87-020-465-019	S	DIODE 1SS133
D913	87-020-465-019	S	DIODE 1SS133
D914	87-020-465-019	S	DIODE 1SS133
D915	87-020-465-019	S	DIODE 1SS133
D916	87-020-465-019	S	DIODE 1SS133(CX-S770)
D917	87-020-465-019	S	DIODE 1SS133(CX-S770)
D918	87-020-465-019	S	DIODE 1SS133
D924	87-020-465-019	S	DIODE 1SS133(CX-S770)
D925	87-020-465-019	S	DIODE 1SS133

=== FRONTEND CIRCUIT BOARD SECTION ===
(CX-S770E,K,SYSTEM305)

PCB-D	81-783-652-010	S	FRONTEND CIRCUIT BOARD
C251	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C253	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C254	*87-018-008-019	S	CAP,CERA-SOL K S 8.2P 50V SL
C255	*87-018-044-019	S	CAP,CERA-SOL 1000PF 50V B
C256	*87-018-006-019	S	CAP,SERA-SOL S 5.6P K 50V SL
C257	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C258	*87-018-108-019	S	CAP,CERA-SOL 20P
C259	*87-018-010-019	S	CAP,CERA-SOL S 12P J 50V SL
C260	*87-018-035-019	S	CAP,CERA-SOL 180PF K 50V B
C261	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C262	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C263	*87-018-047-019	S	CAP,CERA-SOL 0.014UF 16V Y
C369	*87-018-045-019	S	CAP,CERA-SOL S 2200P 25V
C371	*87-018-045-019	S	CAP,CERA-SOL S 2200P 25V
CF1	*87-008-261-019	S	FILTER SFE 10.7MA5A
D251	87-020-363-019	S	DIODE 1SV124A
D252	87-020-363-019	S	DIODE 1SV124A
D253	87-020-363-019	S	DIODE 1SV124A
D254	87-020-465-019	S	DIODE 1SS133
L251	*82-791-631-019	S	FM ANT 4
L252	*82-791-630-019	S	FM ANT 3
L253	*81-748-611-019	S	FM ANT COIL
L254	*82-791-627-019	S	FM ANT 2
L255	*81-748-611-019	S	FM ANT COIL
L256	*82-794-683-019	S	IFT FM
L257	*87-007-204-010	S	COIL FM OSC 2 1/2
TC251	*87-011-142-019	S	CAP,TRIMMER 10PF
TC252	*87-011-142-019	S	CAP,TRIMMER 10PF

=== JACK CIRCUIT BOARD SECTION ===

PCB-E	*	S	JACK CIRCUIT BOARD
C593	87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y (CX-S770,Z)
J4	87-049-855-019	S	JACK,6.3-W/S(PHONES)

REF.NO.	PART NO.	ORDER	DESCRIPTION
R599	*87-025-154-019	S	RES,MFO 1W 270
R600	*87-025-154-019	S	RES,MFO 1W 270
=== LED CIRCUIT BOARD SECTION ===			
PCB-F	*	S	LED CIRCUIT BOARD
D920	87-020-465-019	S	DIODE 1SS133
LED901	*87-020-399-019	S	LED LN 350GPH(DOLBY NR)
LED902	*87-020-399-019	S	LED LN 350GPH(PLAY)
LED903	*87-020-399-019	S	LED LN350GPH(REV PLAY)
S911	81-794-641-010	J	SW LEAF BSW 319(SYNC.DUB NOR)
S912	81-794-641-010	J	SW LEAF BSW 319(SYNC.DUB HI)
=== SWITCH CIRCUIT BOARD SECTION ===			
PCB-G	*	S	SWITCH CIRCUIT BOARD
S913	84-139-630-019	S	SW LEVER(REVERSE MODE)
=== DECK-1 CIRCUIT BOARD SECTION ===			
PCB-H	*	J	DECK-1 CIRCUIT BOARD
D921	87-027-365-010	J	DIODE S5277
D922	87-027-365-010	J	DIODE S5277
S907	86-524-601-010	J	SW LEAF(MOTOR D1)
S908	86-517-621-010	J	SW LEAF(NORMAL D1)
S909	86-524-606-010	J	SW LEAF(PLAY D1)
S910	86-524-601-010	J	SW LEAF(F/R D1)
SFR903	87-021-966-010	J	SFR 4.7K
SFR904	87-021-966-010	J	SFR 4.7K
SOL2	86-524-603-010	J	SOLENOID(D1)
=== DECK-2 CIRCUIT BOARD SECTION ===			
PCB-I	*	J	DECK-2 CIRCUIT BOARD
S900	86-524-601-010	J	SW LEAF(PAUSE D2)
S901	86-524-601-010	J	SW LEAF(REC D2)
S902	86-524-601-010	J	SW LEAF(MOTOR D2)
S903	86-517-621-010	J	SW LEAF(NORMAL D2)
S904	86-524-606-010	J	SW LEAF(PLAY D2)
S905	86-524-601-010	J	SW LEAF(F/R D2)
S906	86-524-601-010	J	SW LEAF(DIRECT. D2)
SFR901	87-021-966-010	J	SFR 4.7K
SFR902	87-021-966-010	J	SFR 4.7K
SOL1	86-513-603-010	J	SOLENOID(D2)
=== SENSOR CIRCUIT BOARD SECTION ===			
PCB-J	*	J	SENSOR CIRCUIT BOARD
CP1	87-020-457-010	J	PHOTO SENSOR NJL5144L8C
=== FRONTEND Z CIRCUIT BOARD SECTION === (CX-S770,Z)			
PCB-L	81-783-653-010	J	FRONTEND Z CIRCUIT BOARD
C251	*87-018-012-019	S	CAP,CERA-SOL 15P
C252	*87-018-005-019	S	CAP,CERA-SOL 4.7P
C253	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C254	*87-018-012-019	S	CAP,CERA-SOL 15P
C255	*87-018-105-019	S	CAP,CERA-SOL S 12P J 50V SL
C256	*87-018-002-019	S	CAP,CERA-SOL 2.2P
C257	*87-018-016-019	S	CAP,CERA-SOL 22P
C258	*87-018-032-019	S	CAP,CERA-SOL 100P
C259	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C260	*87-018-001-019	S	CAP,CERA-SOL 1P
C261	*87-018-105-019	S	CAP,CERA-SOL S 12P J 50V SL
C262	*87-018-012-019	S	CAP,CERA-SOL 15P
C264	*87-018-047-019	S	CAP,CERA-SOL 0.01UF 16V Y
C265	*87-018-096-019	S	CAP,CERA-SOL SS 1P
C266	*87-018-115-019	S	CAP,CERA-SOL 47P
CF251	*82-799-621-019	S	FILTER MS-2
CF252	*82-785-669-010	J	FILTER MA8
D251	87-027-900-010	J	DIODE 1SV147
D252	87-020-691-019	S	DIODE 1SS132
D253	87-027-900-010	J	DIODE 1SV147
D254	87-027-900-010	J	DIODE 1SV147
D255	87-027-900-010	J	DIODE 1SV147
L251	*82-791-630-019	S	FM ANT 3
L252	*82-791-629-010	J	FM ANT U
L253	*82-791-627-019	S	FM ANT 2
L254	*82-791-629-010	J	FM ANT U
L255	*82-791-629-010	J	FM ANT U
L256	*87-003-098-019	S	COIL 2.2U
L257	*82-794-683-019	S	IFT
L258	*81-783-671-010	J	FM OSC Z
TC251	*87-011-142-019	S	CAP,TRIMMER 10PF
TC252	*87-011-142-019	S	CAP,TRIMMER 10PF
TC253	*87-011-142-019	S	CAP,TRIMMER 10PF
=== POWER CIRCUIT BOARD SECTION ===			
⚠ PCB-M	*	S	POWER CIRCUIT BOARD
⚠ C594	*87-019-112-019	S	CAP,CERA-SOL 0.01(CX-S770,Z)
⚠ S502	87-036-066-010	J	SW SNAP(POWER)
=== PIN JACK CIRCUIT BOARD SECTION === (SYSTEM 305)			
PCB-N	*	S	PIN JACK CIRCUIT BOARD
J8	87-049-851-019	S	JACK(AUX IN)
=== MISCELLANEOUS ===			
⚠	*87-034-736-010	J	AC CORD(CX-S770,E,Z,SYSTEM305)
⚠	*87-034-975-010	J	AC CORD (CX-S770,K)
⚠	*87-085-185-010	J	AC CORD BUSHING(E)
	82-174-222-110	J	EH DUMMY(D1)
CON8	86-524-634-010	J	CONNECTOR ASSY 3P(PBH)
CON9	86-524-635-010	J	CONNECTOR ASSY 5P(RPEH)
LED904	*87-020-985-019	S	LED SLF325C-G(LIGHT)(D2)
LED905	*87-020-985-019	S	LED SLF325C-G(LIGHT)(D1)
M1	87-045-235-010	J	MOTOR,MMA6B2LW(D1)
M2	87-045-235-010	J	MOTOR,MMA6B2LW(D2)
PH	87-046-261-010	J	PB HEAD HY422SVS(D1)
⚠ PT1	*81-794-638-019	S	POWER TRANSFORMER(CX-S770,E)
⚠ PT1	*81-794-608-018	G	POWER TRANSFORMER(CX-S770,E)
⚠ PT1	*81-794-640-019		POWER TRANSFORMER(SYSTEM 305)
⚠ PT1	*81-794-639-019	S	POWER TRANSFORMER(CX-S770,K)
⚠ PT1	*81-794-609-018	G	POWER TRANSFORMER(CX-S770,K)
⚠ PT1	*81-794-677-018	G	POWER TRANSFORMER(CX-S770,Z)
RPEH	87-046-291-010	J	REC/PB/E HEAD(D2)

Combination circuit board A 81-794-620-119

PCB-A 81-794-621-119
PCB-E 81-794-622-119
PCB-F 81-794-624-119
PCB-G 81-794-623-119
PCB-M 81-794-631-119
PCB-N 81-794-633-119 (SYSTEM305)

Combination Circuit board B 81-794-635-119

PCB-B 81-794-630-119

Combination Circuit board D 86-524-625-010

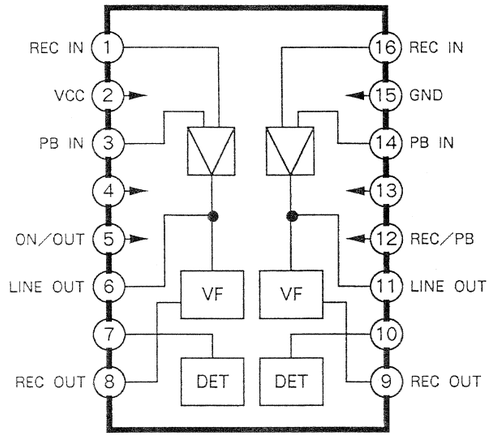
PCB-I 86-524-626-010
PCB-J 86-524-608-010

Comnination Circuit board E 86-524-627-010

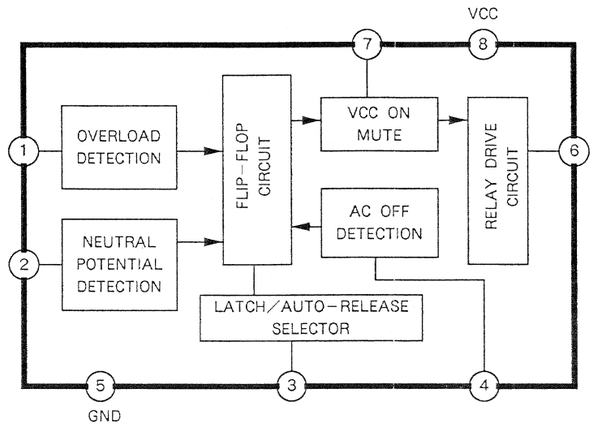
PCB-H 86-524-628-010

IC BLOCK DIAGRAM (CX-S770E, K, Z, SYSTEM 305)

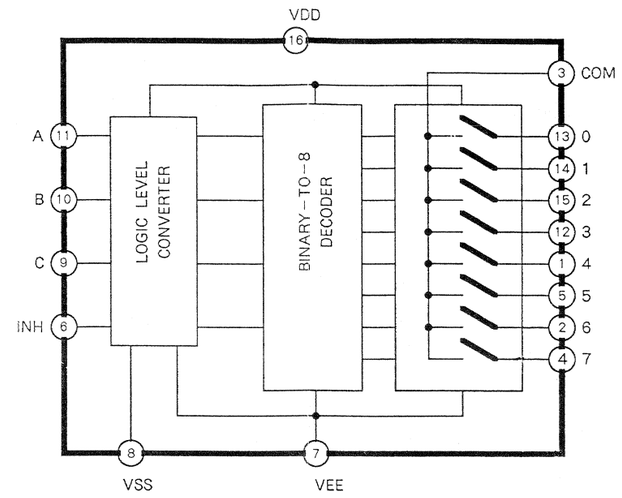
IC,CXA1102



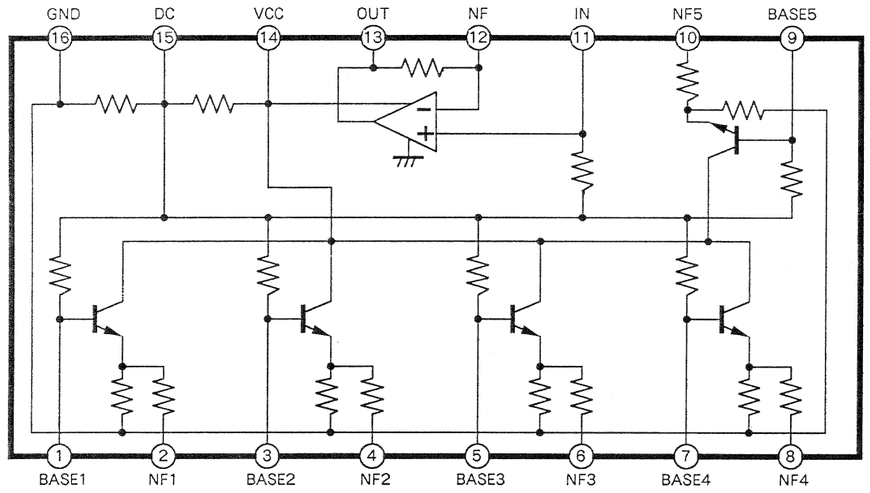
IC,UPC1237H



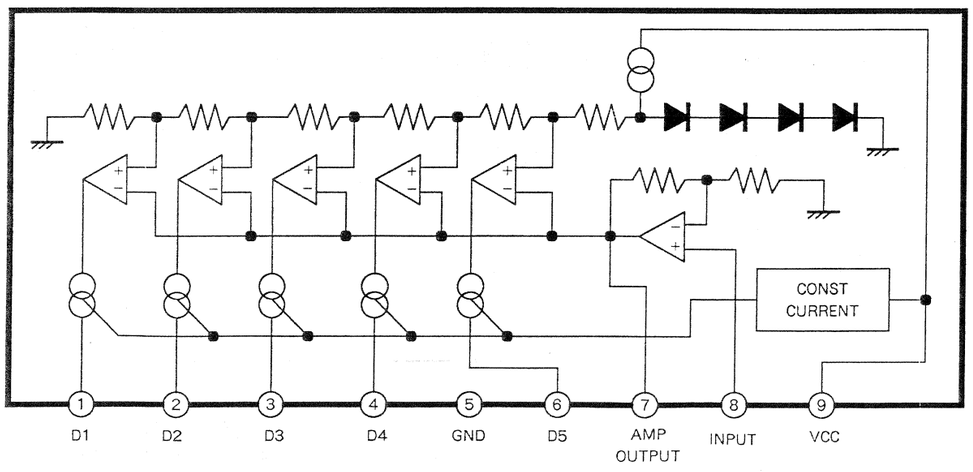
IC,TC4051



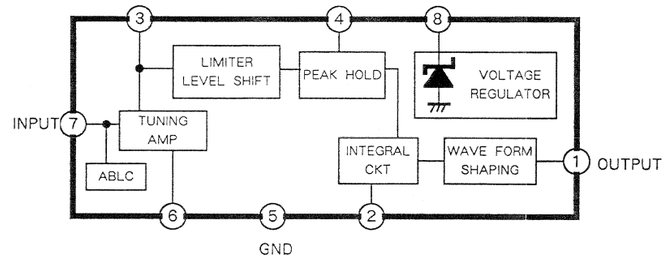
IC,LA3600



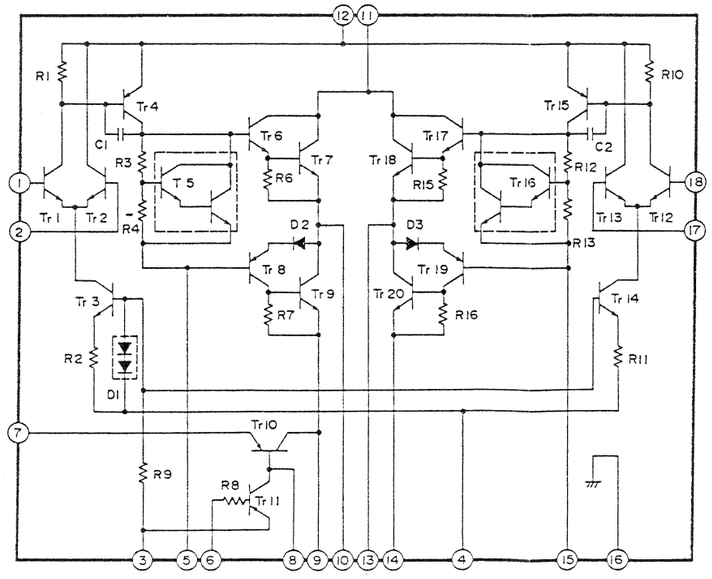
IC,BA6154



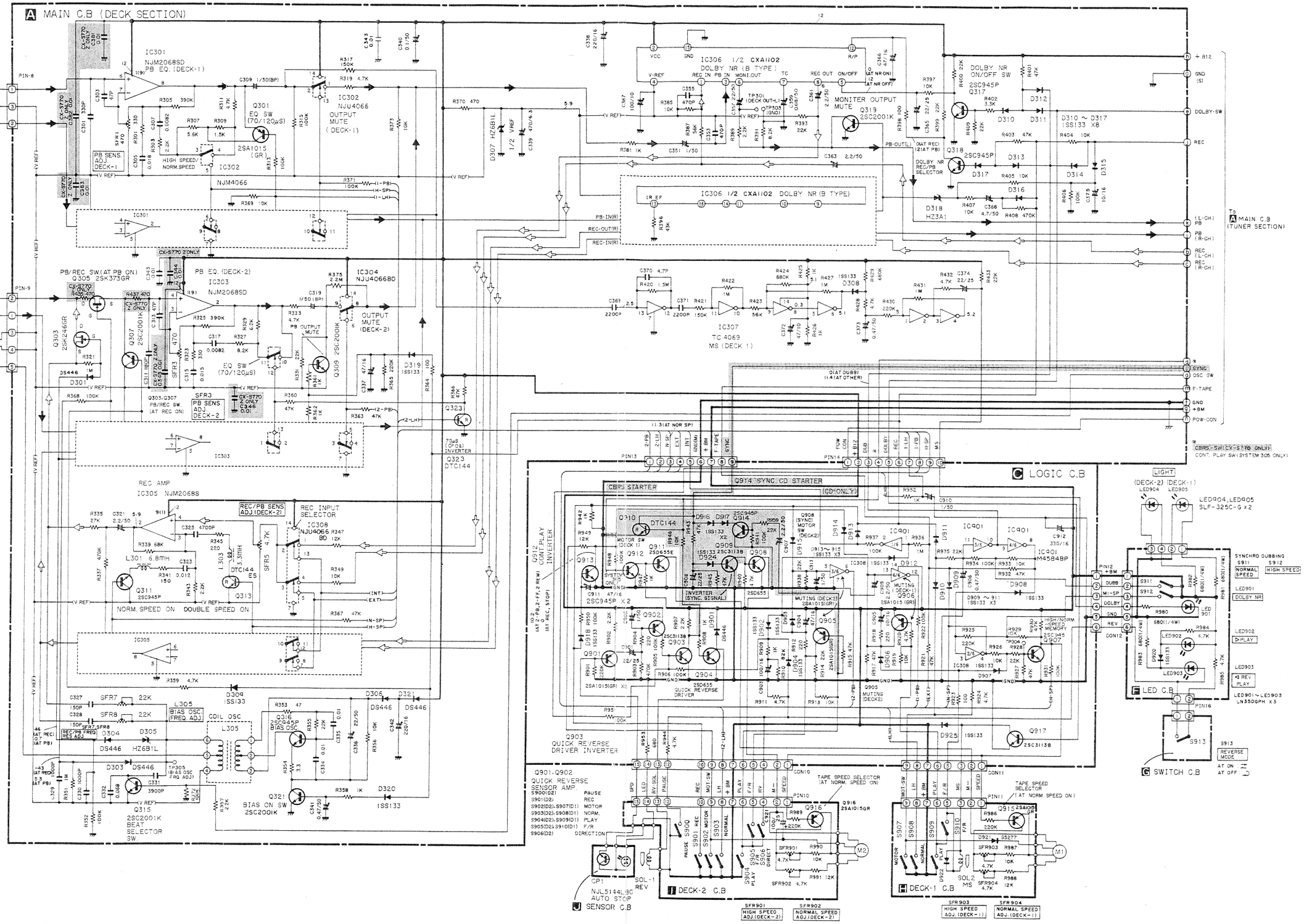
IC,LA7224



IC,STK4162MK-2

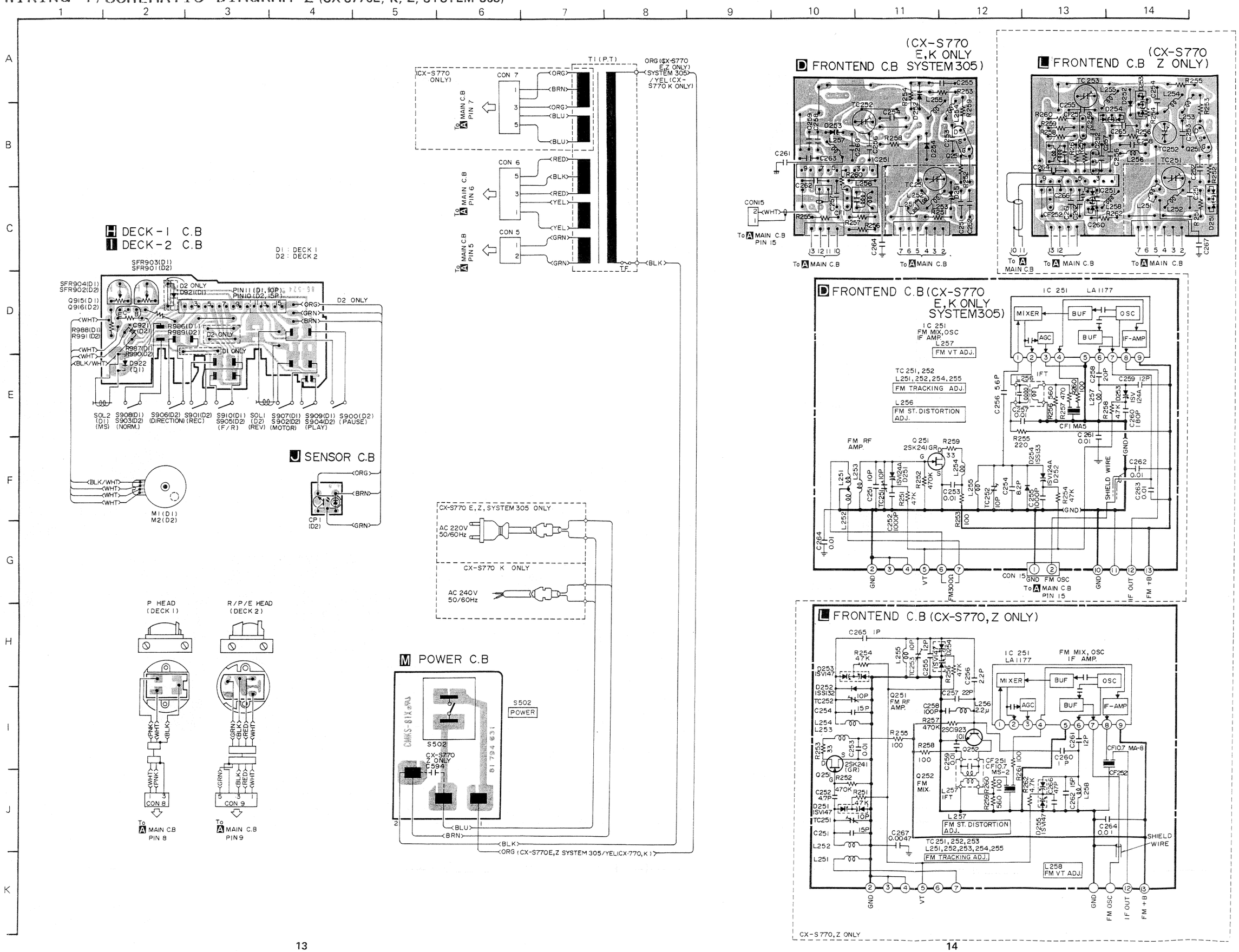


SCHEMATIC DIAGRAM–1 (CX-S770E, K, Z, SYSTEM 305)

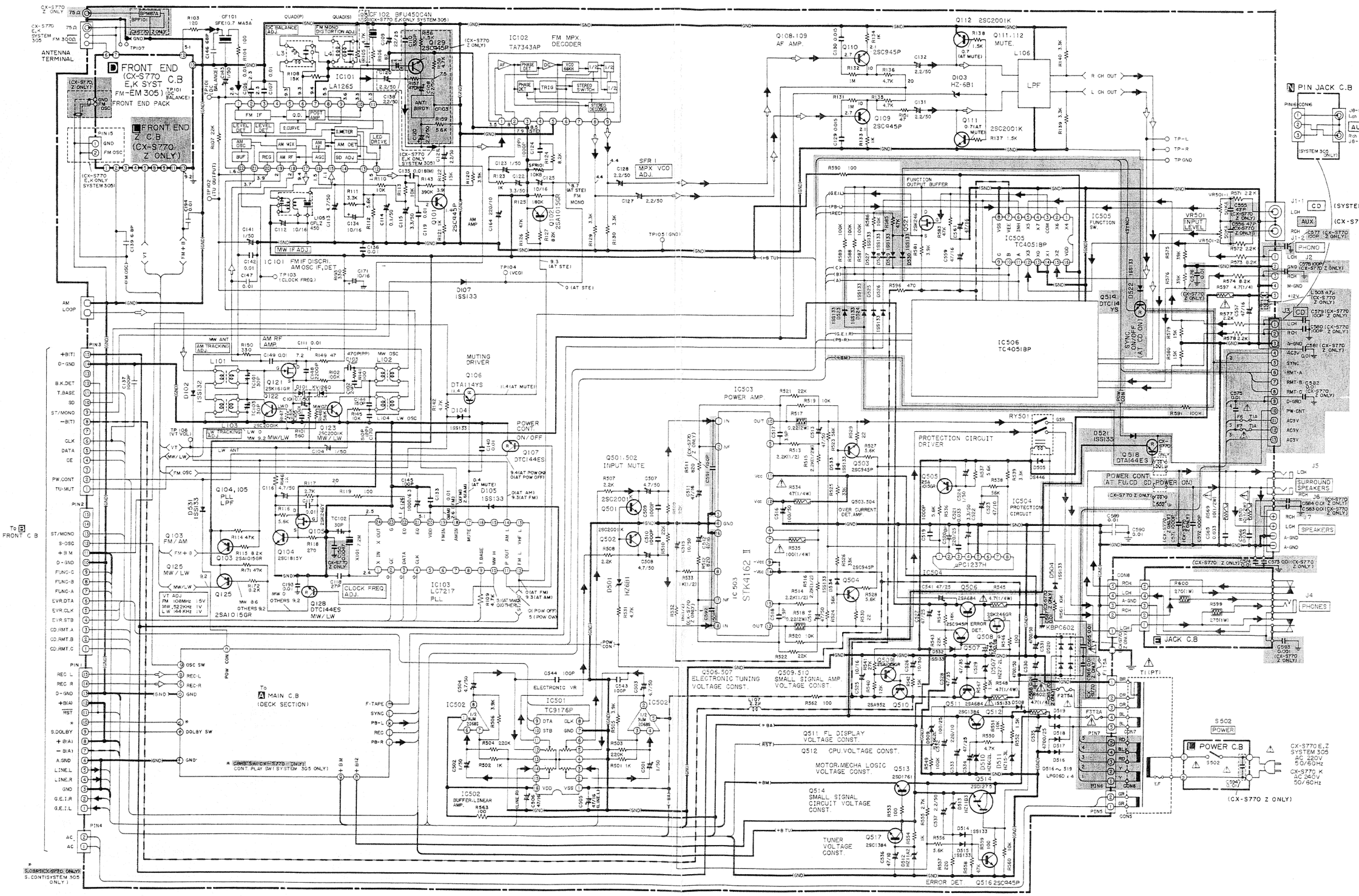


: The shaded section is not applied to the model of SYSTEM 305

WIRING-1, SCHEMATIC DIAGRAM-2 (CX-S770E, K, Z, SYSTEM 305)

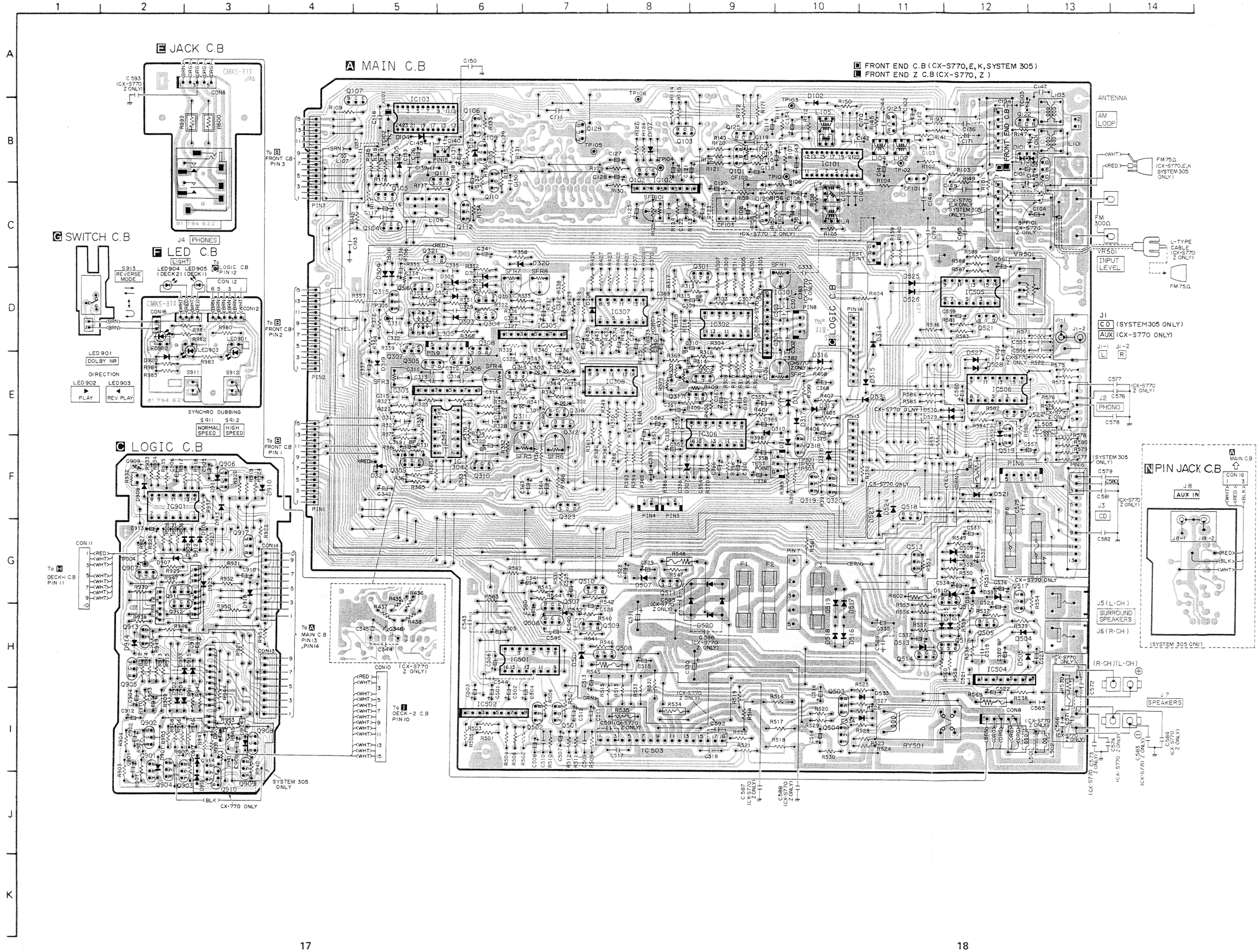


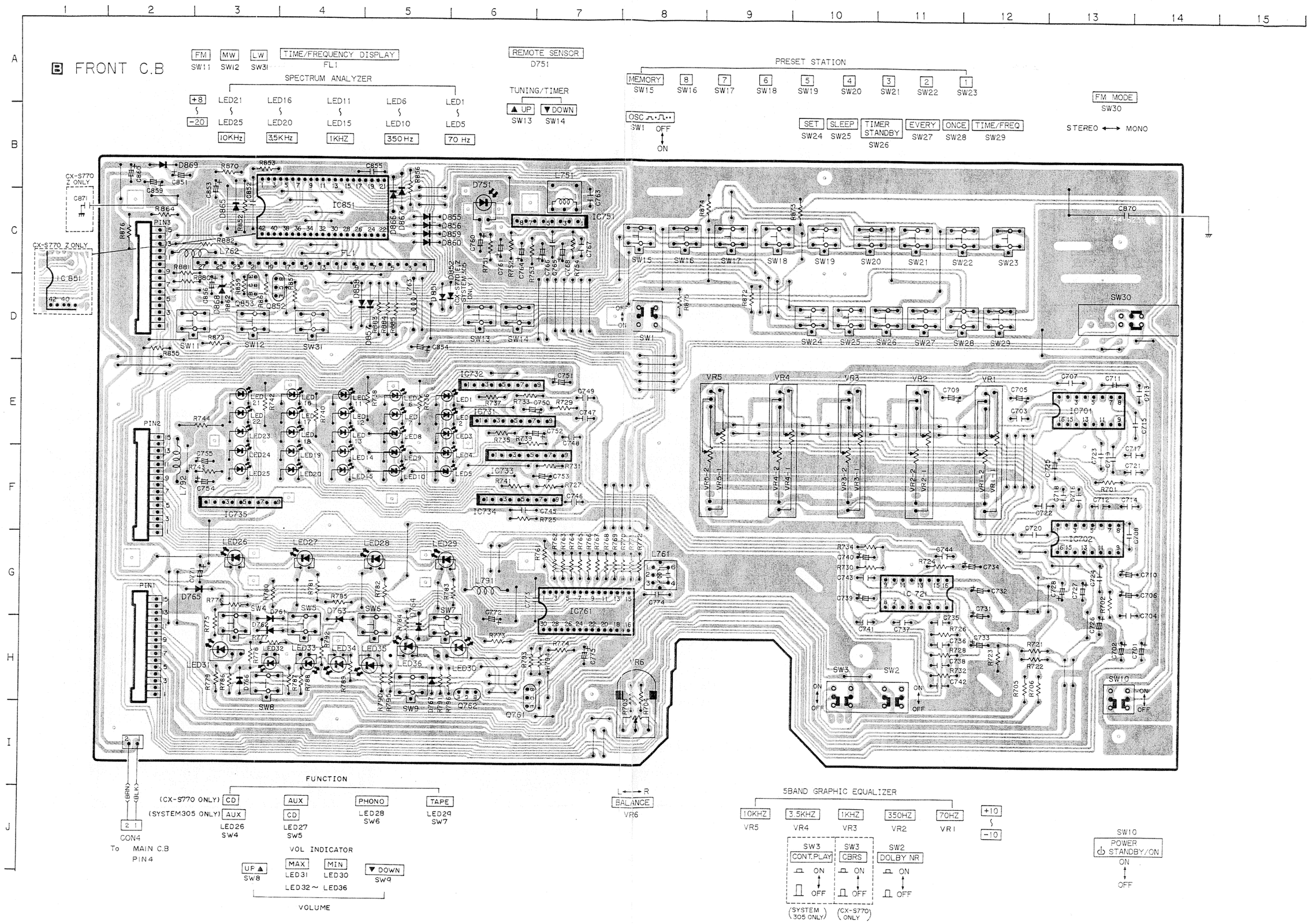
SCHEMATIC DIAGRAM–3 (CX-S770E, K, Z, SYSTEM 305)



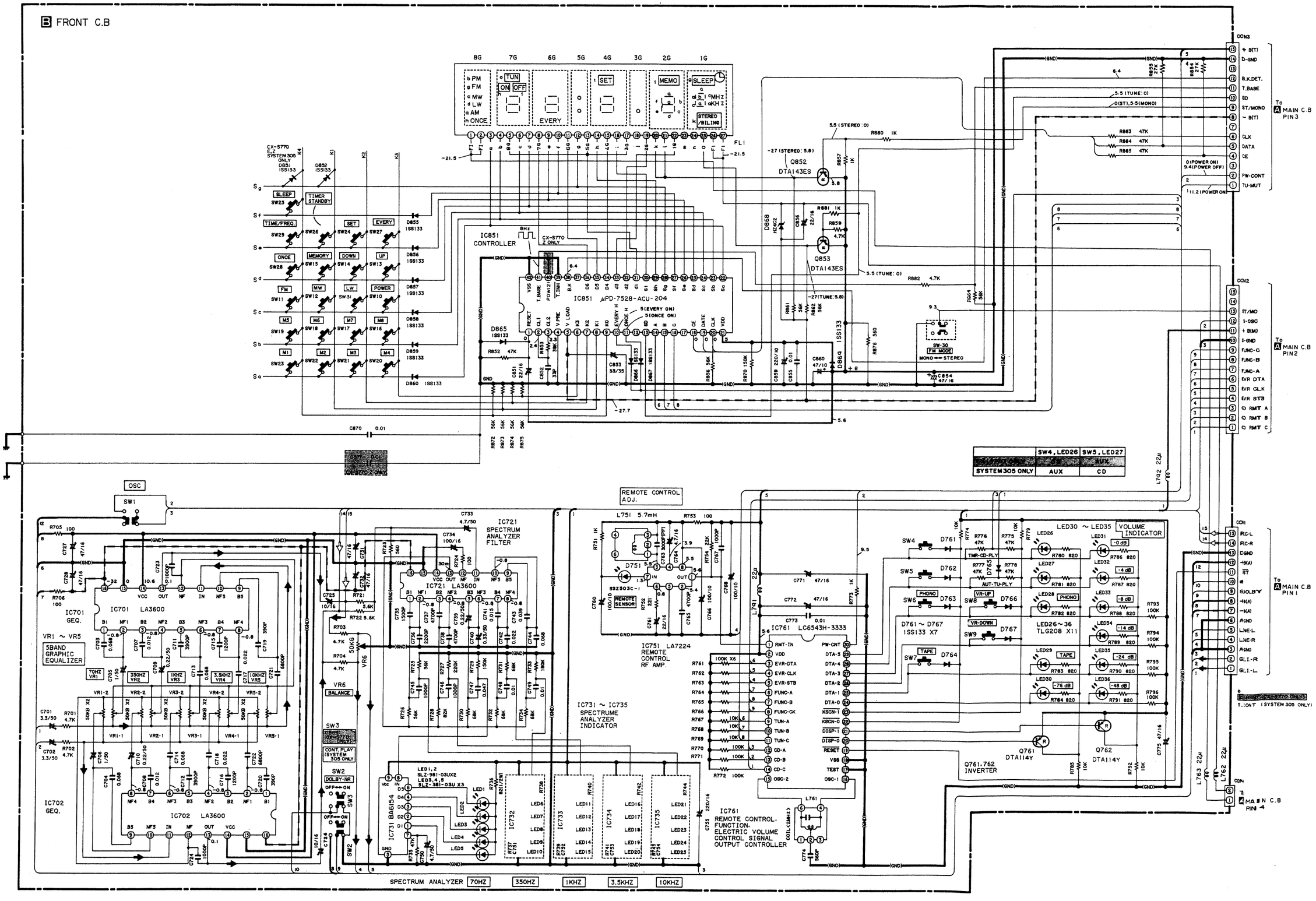
: The shaded section is not applied to the model of SYSTEM 305

WIRING-2 (CX-S770E, K, Z, SYSTEM 305)

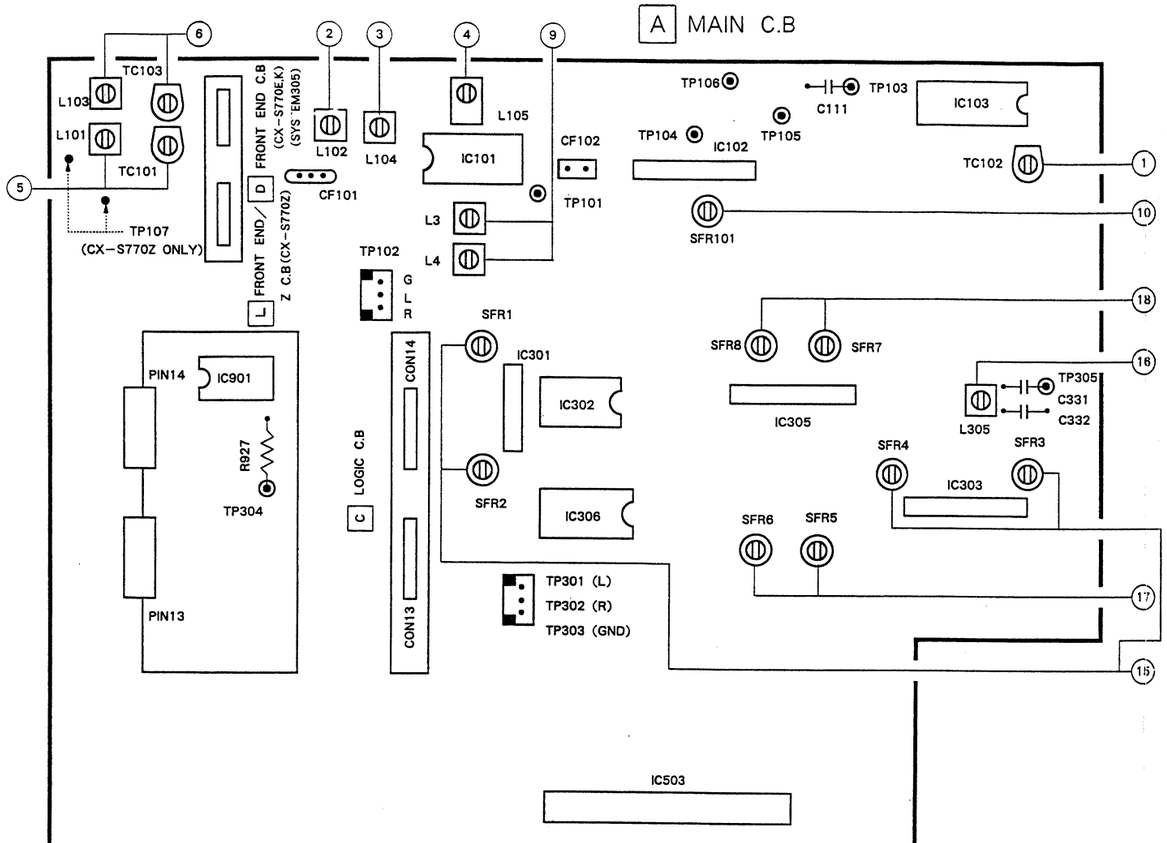



B FRONT C.B
FM SW11
MW SW12
LW SW31
TIME/FREQUENCY DISPLAY
FL1
SPECTRUM ANALYZER
+8 ~ -20
LED21 ~ LED25 10KHz
LED16 ~ LED20 3.5KHz
LED11 ~ LED15 1KHZ
LED6 ~ LED10 350Hz
LED1 ~ LED5 70 Hz
REMOTE SENSOR
D751
TUNING/TIMER
▲ UP SW13
▼ DOWN SW14
PRESET STATION
MEMORY SW15
8 SW16
7 SW17
6 SW18
5 SW19
4 SW20
3 SW21
2 SW22
1 SW23
OSC SW1 OFF ON
SET SW24
SLEEP SW25
TIMER STANDBY SW26
EVERY SW27
ONCE SW28
TIME/FREQ SW29
FM MODE SW30
STEREO ⟷ MONO
CX-S770 Z ONLY
C871
IC851
CX-S770 Z ONLY
IC751
IC731
IC732
IC733
IC734
IC735
IC761
IC701
IC702
IC721
FL1
L762
L751
L761
L791
L792
D751
D869
D855
D856
D859
D860
Q852
Q853
Q761
Q762
VR1
VR2
VR3
VR4
VR5
VR6
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
SW11
SW12
SW13
SW14
SW15
SW16
SW17
SW18
SW19
SW20
SW21
SW22
SW23
SW24
SW25
SW26
SW27
SW28
SW29
SW30
SW31
CX-S770E,K SYSTEM 305 ONLY
PIN1
PIN2
PIN3
PIN4
CON4
To MAIN C.B PIN4
(BRN)
(BLK)
2 1
FUNCTION
(CX-S770 ONLY) CD
(SYSTEM305 ONLY) AUX
AUX
CD
PHONO
TAPE
LED26 SW4
LED27 SW5
LED28 SW6
LED29 SW7
VOL INDICATOR
UP ▲ SW8
MAX LED31
MIN LED30
▼ DOWN SW9
LED32 ~ LED36
VOLUME
L ⟷ R
BALANCE
VR6
5BAND GRAPHIC EQUALIZER
10KHZ VR5
3.5KHZ VR4
1KHZ VR3
350HZ VR2
70HZ VR1
+10 ~ -10
SW3 CONT.PLAY ON OFF (SYSTEM 305 ONLY)
SW3 CBRS ON OFF (CX-S770 ONLY)
SW2 DOLBY NR ON OFF
SW10 POWER STANDBY/ON
ON
OFF

SCHEMATIC DIAGRAM-4 (CX-S770E, K, Z, SYSTEM 305)



ADJUSTMENT (CX-S770E, K, Z, SYSTEM 305)



1. Clock Frequency Adjustment
Settings : • Test point : TP103
• Adjustment location : TC102
Method : Set to MW 1611kHz and adjust so that the test point becomes 2061kHz ± 10Hz.

2. MW VT Adjustment
Settings : • Test point : TP106
• Adjustment location : L102
Method : Set to MW 522kHz and adjust so that the test point becomes 1.0 ± 0.05V.

3. LW VT Adjustment
Settings : • Test point : TP106
• Adjustment location : L104
Method : Set to LW 144kHz and adjust so that the test point becomes 1.5 ± 0.05V.

4. AM IF Adjustment
L105 ····· 450kHz

5. MW Tracking Adjustment
L101 ····· 603kHz
TC101 ····· 1404kHz

6. LW Tracking Adjustment
L103 ····· 144kHz
TC103 ····· 290kHz

7. FM VT Adjustment
Settings : • Test point : TP106
• Adjustment location : L257(CX-S770 E, K,SYSTEM 305)
L258 (CX-S770,Z)
Method : Set to FM 108MHz and adjust so that the test point becomes 15.0 ± 0.05V.

8. FM Tracking Adjustment
TC251, TC252 ····· 108MHz
(CX-S770 E,K,SYSTEM 305)
TC251, TC252, TC253 (CX-S770,Z)
L251, L252, L253, L254, L255 ··· 87.5MHz
(CX-S770 E,K,SYSTEM 305)
L251, L252, L253, L254, L255
(CX-S770,Z)

9. DC Balance/MONO Distortion Adjustment
Settings : • Test point : TP101 (DC balance)
TP102 (Distortion)
• Adjustment location : L3 (DC balance)
L4 (Distortion)
Method : Set to FM 98MHz and adjust L3 so that TP101 output becomes 0 ± 0.02V.
Next, adjust L4 so that the distortion becomes minimum (less than 0.3%). Adjust L3, L4 again so that both adjustment satisfy either standard.

10. MPX VCO Adjustment
Settings : • Test point : TP104
• Adjustment location : SFR101
Method : Set to FM 98MHz and adjust so that the frequency at test point becomes 38kHz ± 50Hz.

11. STEREO Distortion Adjustment
Settings : • Test point : TP102
• FM MODE SW : STEREO
• Adjustment location : L256 (CX-S770 E, K,SYSTEM 305)
L257 (CX-S770,Z)
Method : Adjust so that the distortion becomes minimum (less than 0.6%)

12. Normal Speed Adjustment (DECK-1, DICK-2)
Settings : • Test tape : TTA-111S
• Test point : TP301
• Adjustment location : SFR904 (DECK-1)
SFR902 (DECK-2)
Method : Play back the test tape, adjust for 3000 Hz.

13. High Speed Adjustment (DECK-1, DECK-2)
Settings : • Test tape: TTA-111H
• Test point : TP301
• Adjustment location SFR903 (DECK-1)
SFR901 (DECK-2)
Method : Play back the test tape, and make the high speed condition to be shorted between TP304 (LOGIC C.B) and GND.
Adjust for 3000Hz.

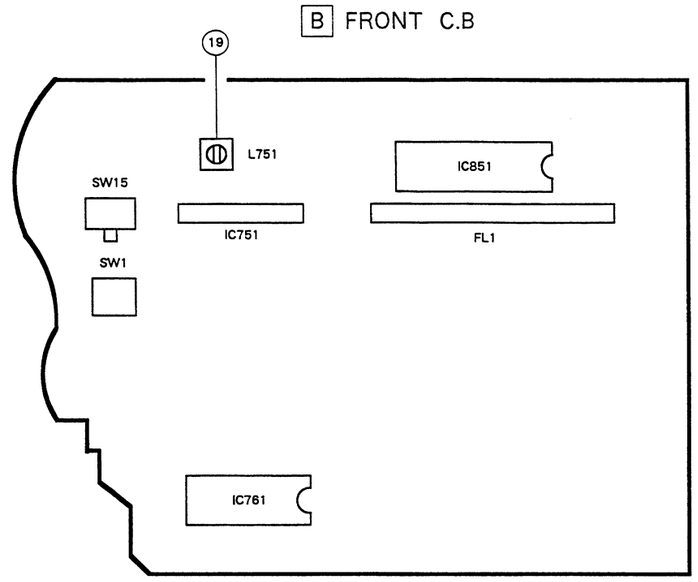
14. Head Azimuth Adjustment (DECK-1, DECK-2)
Settings : • Test tape : TTA-317E
• Test point : TP301
• Adjustment location : Head azimuth adjustment screw
Method : Play back the 10kHz signal of the test tape, and adjust so that the output becomes maximum.
(DECK-2)
Note : Perform on each FWD PLAY and REV PLAY mode.

15. PB Sensitivity Adjustment (DECK-1, DECK-2)
Settings : • Test tape : TTA-161
• Test point : TP301 (Lch)
TP302 (Rch)
• Dolby NR switch : OFF
• Adjustment location : SFR1 (DECK-1, Lch)
SFR2 (DECK-1, Rch)
SFR3 (DECK-2, Lch)
SFR4 (DECK-2, Rch)
Method : Play back the test tape, and adjust so that the output becomes 390mV ± 20mV.

16. BIAS OSC Frequency Adjustment
Settings : • Test tape : TTA-119K
• Test point : TP305
• FUNCTION SW : AUX
• OSC SW : OFF
• Adjustment location : L305
Method : Adjust so that the output frequency becomes 85kHz ± 1kHz.

17. REC/PB Sensitivity Adjustment (DECK-2)
Settings : • Test tape : TTA-119K
• Test point : TP301 (Lch)
TP302 (Rch)
• Dolby NR switch : OFF
• Adjustment location : SFR5 (DECK-2 Lch)
SFR6 (DECK-2 Rch)
Method : Set the DECK in the REC mode and adjust ATT so that the 400Hz signal output is 280 mV. Record the 400Hz signal, then play back the recorded tape, and adjust so that the output becomes 280mV ± $^{1.0}_{0}$ dB.

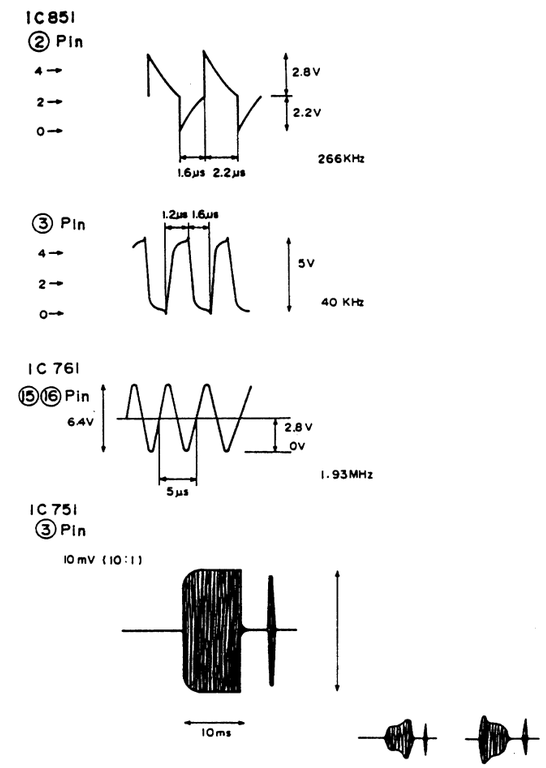
18. REC/PB Frequency Response Adjustment (DECK-2)
Settings : • Test tape TTA-119K
• Test point : TP301 (Lch)
TP302 (Rch)
• Dolby NR switch : OFF
• Adjustment location : SFR7 (Lch)
SFR8 (Rch)



Method : Set the DECK-2 in the REC mode and adjust ATT so that the 1kHz signal output is 28mV at TP301 (TP302). Record the 1kHz and 10kHzsignals, then play back the recorded tape and adjust so that the output difference between 1kHz and 10kHz becomes 0dB ± $^{1.0}_{0}$ dB.

19. Remote Control Adjustment
Settings : • Test point : IC751 pin3.
• Input signal : 37.917±0.05kHz, − 110dB
• Adjustment location : L751
Method : Input 37.917±0.05kHz signal to IC751 pin7 and adjust so that the output at IC751 pin3 becomes maximum.

WAVE FORM



PRACTICAL SERVICE FIGURE

(TUNER section)

<FM section>

IHF sensitivity :	Less than 16dB (THD 3%, 300Ω, 98MHz)
S/N 50dB sensitivity :	36 ± 6dB (98MHz)
IF Frequency :	10.7MHz
Stereo Distortion :	Less than 1% (98MHz)
Stereo Separation :	More than 27dB (98MHz)

<MW section>

Sensitivity : (S/N 20dB)	52 ± $^{6}_{4}$ dB (999kHz)
IF Frequency :	450kHz

<LW section>

Sensitivity :	63 ± 4dB (200kHz)

(CASSETTE DECK section)

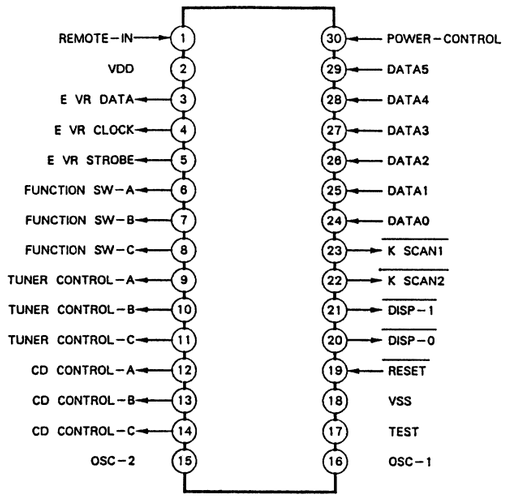
PB output level :	3.2 ± 0.6V (TTA-161, SPEAKER OUT)
REC/PB output :	2.0V ± 2dB (LINE)
REC/PB S/N ratio :	More than 35/42dB (Unweighted, NORM. Tape DOLBY-NR B OFF/ON) More than 40/51dB (Weighted, NORM. Tape DOLBY-NR B OFF/ON)
Distortion (REC/PB) :	Less than 3% (NORM.)
Erasing ratio :	More than 57dB (at 125Hz)
Channel separation :	More than 28dB
Recording bias frequency :	85kHz
Noise (PB) : (DUMMY CASSETTE)	Less than 400/100mV (NORM. Tape, Unweighted DOLBY-NR B OFF/ON) Less than 150/80mV (METAL Tape, Unweighted DOLBY-NR OFF/ON)
Wow & flutter :	Less than 0.09% (DECK1, 2)
Pinch roller pressure :	290 ± 30g (DECK1, 2) (2.84 ± 0.3N)
Take-up torque :	45 ± 15g-cm (DECK1, 2) (0.44 ± 0.15mN·m)
F.F & REW torque :	110 ± $^{50}_{20}$ g-cm (DECK1.2) (1.01 ± $^{0.49}_{0.2}$ mN·m)
Back tension :	3 ± $^{2}_{1}$ g-cm (FWD./REV.) (DECK1, 2) (0.03 ± $^{0.02}_{0.01}$ mN·m)
Test tape :	METAL TTA-119MP NORMAL TTA-119K

IC DESCRIPTION (CX-S770E, K, Z, SYSTEM 305)

1. IC.LC6543H-3333

1-1 Terminal name

IC.LC6543H-3333



The arrow at each pin shows signal in/out

1-2 Terminal Description

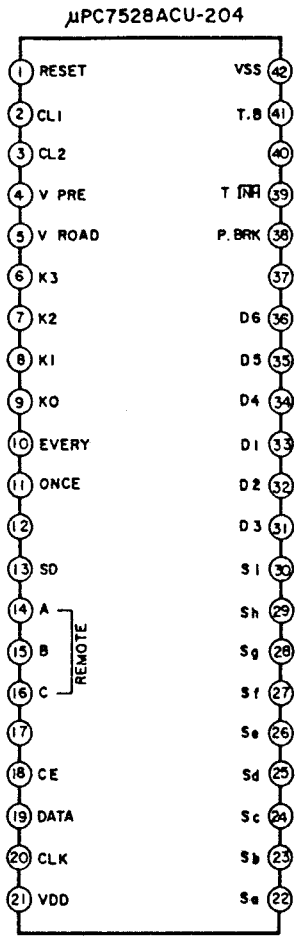
Pin No.	Pin name	Description
1	REMOTE -IN	Remote control serial data input. The input timing of serial data follows that of IC, LC7461M.
2	V_{DD}	Power terminal
3	E VR-DATA	Outputs the control signal (DATA) to vary the sound volume using the electronic volume IC, TC9176P. The output timing follows that of IC, TC9176P.
4	E VR-CLOCK	Outputs the control signal (CLOCK) to vary the sound volume using the electronic volume IC, TC9176P.
5	E VR-STROBE	Outputs the strobe signal (STROBE) to vary the sound volume using the electronic volume IC, TC9176P. The output timing follows that of IC, TC9176P.
6 7 8	FUNCTION SW-A FUNCTION SW-B FUNCTION SW-C	Output the control signals to switch the input signals according to the function designated by the remote control, key and signal inputs. FUNCTION / CONTROL A B C: TUNNER L H L PHONO H H L AUX(CX-S770),CD(SYSTEM305) L L H CD(CX-S770),AUX(SYSTEM305) H L H TAPE L H H
9 10 11	TUNER CONTROL-A TUNER CONTROL-B TUNER CONTROL-C	Output the TUNER control signals according to the remote control input. TUNER / CONTROL OUT A B C: FM H L L MW L H L LW H H L TUNING UP L L H POWER ON/OFF H L H TUNING DOWN L H H

Pin No.	Pin name	Description
12 13 14	CD CONTROL-A CD CONTROL-B CD CONTROL-C	Output the CD control signals according to the remote control and signal inputs. (CX-S770 ONLY) CD / CONTROL OUT A B C: PROGRAM L H L PLAY/PAUSE H H L MEMORY L L H STOP H L H F.SKIP L H H B.SKIP H H H
15 16	OSC-2 OSC-1	Clock oscillation terminals Clock frequency : 2MHz
17	TEST	LSI test terminal Generally connected to Vss
18	Vss	Power terminal
19	$\overline{\text{RESET}}$	System reset input

Pin No.	Pin name	KEY SIGNAL IN: $\overline{\text{K SCAN 0}}$ is "L"	KEY SIGNAL IN: $\overline{\text{K SCAN 1}}$ is "L"	LED DATA OUT: $\overline{\text{DISP 0}}$ is "L"	LED DATA OUT: $\overline{\text{DISP 1}}$ is "L"
20 21	$\overline{\text{DISP-0}}$ $\overline{\text{DISP-1}}$	——		DISPLAY SCAN outputs for DATA 0 - 5. "H" when reset	
22 23	$\overline{\text{K SCAN 0}}$ $\overline{\text{K SCAN 1}}$	KEY SCAN outputs for DATA 0 - 5. "H" when reset		——	
24	DATA 0	——	——	VR-INDICATOR -76dB INDICATOR	VR-INDICATOR -48dB INDICATOR
25	DATA 1	TAPE KEY INPUT	——	TAPE FUNCTION	VR-INDICATOR -24dB INDICATOR
26	DATA 2	——	VR-DOWN KEY INPUT	——	VR-INDICATOR -14dB INDICATOR
27	DATA 3	PHONO KEY INPUT	VR-UP KEY INPUT	PHONO FUNCTION INDICATOR	VR-INDICATOR -8dB INDICATOR
28	DATA 4	AUX KEY INPUT	AUTO TUNER PLAY SIGNAL INPUT	AUX FUNCTION INDICATOR	VR-INDICATOR -4dB INDICATOR
29	DATA 5	CD KEY INPUT	TIMER CD PLAY SIGNAL INPUT	CD FUNCTION INDICATOR	VR-INDICATOR 0dB INDICATOR
30	POWER-CONTROL	POWER ON/OFF signal input			

2. IC,μPD7528ACU-204

2-1 Terminal name



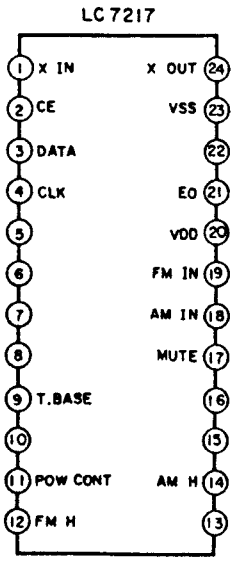
2-2 Terminal Description

Pin No.	Pin name	Description
1	RESET	Reset input. The "H" pulse resets the microprocessor.
2 3	CL1 CL2	Clock oscillation pins of the microprocessor. (approx. 400Hz)
4	V PRE	Negative power supply for the output predriver. Connected to GND.
5	V ROAD	Negative power supply for the output driver load resistor.
6 7 8 9	K3 K2 K1 K0	Key matrix inputs
10 11	EVERY ONCE	"H" during TIMER ON
12	———	———
13	SD	Auto stop signal input. The unit stops at "L" level.
14 15 16	A B C	Remote control inputs supplied from M50761-433S.
17	———	———

Pin No.	Pin name	Description
18 19 20	CE DATA CLK	Outputs a signal momentarily when any key is operated, supplied to LC7217.
21	VDD	Power supply pin, 5V±10%
22 23 24 25 26 27 28 29 30	Sa Sb Sc Sd Se Sf Sg Sh Si	Frequency display and clock time segment outputs and key matrix outputs. Active "H"
31 32 33 34 35 36	D3 D2 D1 D4 D5 D6	Frequency display and clock time digit signal outputs. Active "H"
37	——	——
38	P BRK	Power failure detection input. The unit enters the backup mode at "L"
39	T INH	Connected to GND
40	——	——
41	T BASE	8Hz input supplied from LC7217 for the reference clock.
42	Vss	GND pin

3. IC,LC7217

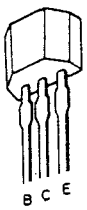
3－1 Terminal name



3 – 2 Terminal Description

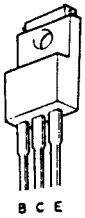
Pin No.	Pin name	Description
1 24	X IN X OUT	Clock oscillation pins. 7.2MHz crystal is connected to these pins.
2 3 4	CE DATA CLK	When any key is operated, a signal is supplied from the CPU. Active "H"
5 8	——	Set open
9	T. BASE	8Hz output supplied to the CPU for the reference clock.
10	——	——
11	POW CONT	Power control output. Outputs "H" during power ON.
12	FM H	Outputs "H" when an FM broadcast is being received.
13	——	——
14	AM H	Outputs "H" when an AM broadcast is being received.
15 16	——	Open
17	MUTE	Outputs "L" momentarily when a key is operated. Goes "L" during power OFF(active "L")
18	AM IN	AM local oscillation input
19	FM IN	FM local oscillation input
20	V_{DD}	Power supply, 5V±10%
21	E_0	PLL error output
22	——	Open
23	Vss	GND

2SA952
2SA1015
2SC945
2SC1815
2SC1923
2SC2001
2SD655



DTA114
DTA143
DTA144
DTC114
DTC144

2SK246
2SK373



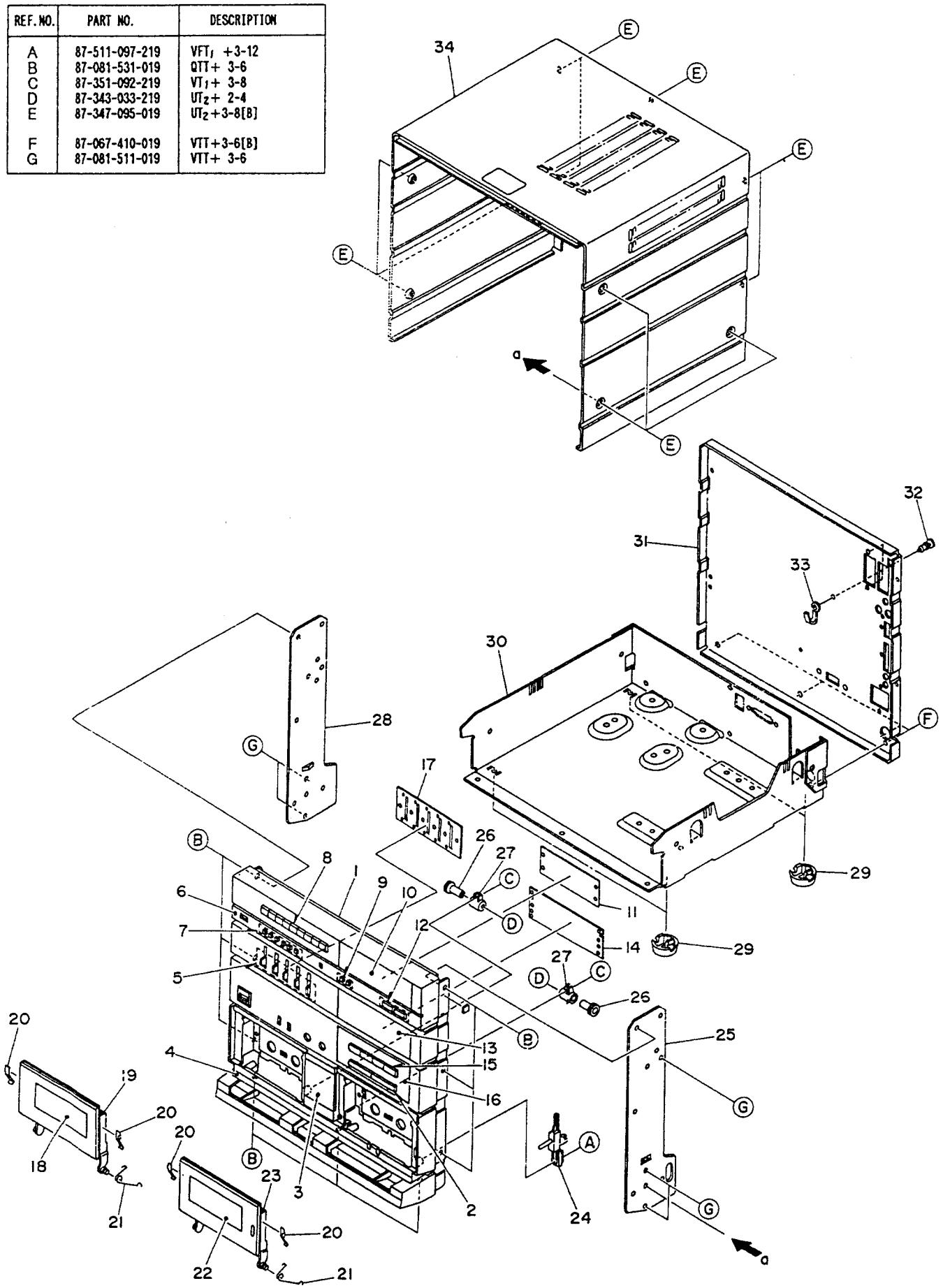
2SD1275
2SD1761

2SA684
2SC1384

2SK161
2SK241

EXPLODED VIEW-1

REF. NO.	PART NO.	DESCRIPTION
A	87-511-097-219	VFT$_1$ +3-12
B	87-081-531-019	QTT+ 3-6
C	87-351-092-219	VT$_1$+ 3-8
D	87-343-033-219	UT$_2$+ 2-4
E	87-347-095-019	UT$_2$+3-8[B]
F	87-067-410-019	VTT+3-6[B]
G	87-081-511-019	VTT+ 3-6

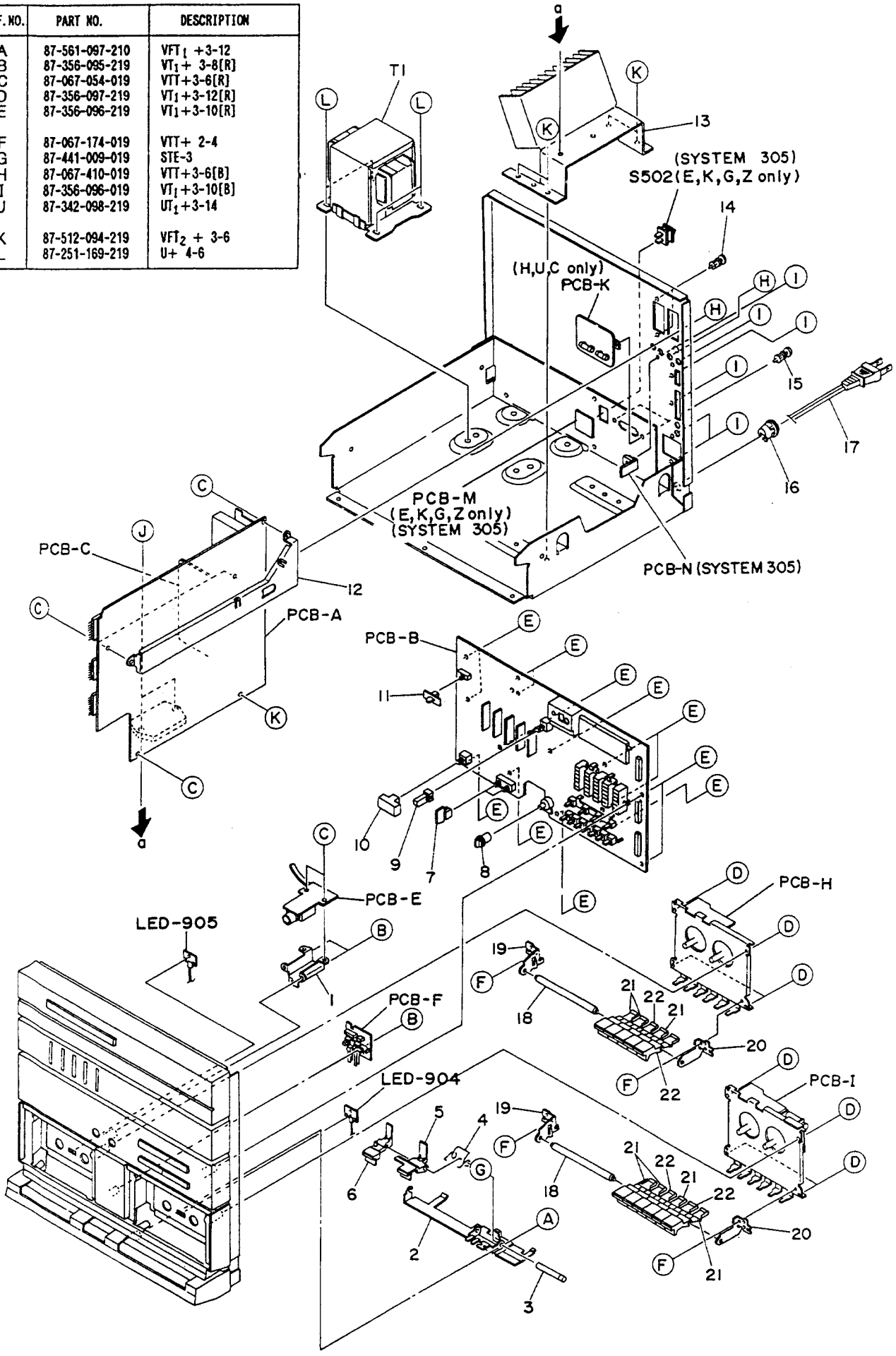


MECHANICAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1-1	*81-794-001-119	S	CABINET,FRONT	*	1
	1-1	81-794-126-019		CABINET,FRONT A(SYSTEM305)		1
	1-2	*81-794-037-019	S	PUSH-KEY,VOLUME	*	1
	1-3	*81-794-015-010	J	WINDOW,DISPLAY	*	1
	1-3	81-794-134-010		WINDOW,DISPLAY A(SYSTEM305)		1
	1-4	*81-794-017-010	J	PLATE,DECK	*	1
	1-4	81-794-135-010		PLATE,DECK A(SYSTEM305)		1
	1-5	*81-794-033-019	S	KNOB,GE	*	5
	1-6	*81-794-018-010	J	PLATE,TU(H)(H,U,C,G ONLY)	*	1
	1-6	*81-794-036-010	J	PLATE,TU(E)(E,K,Z ONLY)	*	1
	1-6	81-794-136-010		PLATE,TU(E) A(SYSTEM305)		1
	1-7	*81-794-027-010	J	PUSH-KEY,TIME	*	1
	1-8	*81-794-004-019	S	PUSH-KEY,PRE	*	1
	1-9	*81-794-028-010	J	PUSH-KEY,UP-DOWN	*	1
	1-10	*81-794-008-010	J	WINDOW,TU(A)	*	1
	1-10	81-794-129-010		WINDOW,TU(A) A(SYSTEM305)		1
	1-11	*81-794-009-110	J	WINDOW,TU(B)	*	1
	1-12	*81-794-039-019	S	PUSH-KEY,2BAND (H,U,C,G ONLY)	*	1
	1-12	*81-794-040-019	S	PUSH-KEY,3BAND (E,K,Z ONLY)(SYSTEM305)	*	1
	1-13	*81-794-010-010	J	WINDOW,GE(A)	*	1
	1-13	81-794-130-010		WINDOW,GE(A) A(SYSTEM305)		1
	1-14	*81-794-011-110	J	WINDOW,GE(B)	*	1
	1-15	*81-794-006-119	S	PUSH-KEY,FUNCTION	*	1
	1-16	*81-794-012-110	J	WINDOW,FUNCTION	*	1
	1-16	81-794-131-010		WINDOW,FUNCTION A(SYSTEM305)		1
	1-17	*81-794-016-010	J	PLATE,GE	*	1
	1-18	81-794-013-010	J	WINDOW,BOX(L)	*	1
	1-18	81-794-132-010		WINDOW,BOX(L) A(SYSTEM305)		1
	1-19	81-794-002-019	S	CASSETTE BOX(L)	*	1
	1-19	81-794-127-019		CASSETTE BOX(L) A(SYSTEM305)		1
	1-20	*81-794-214-010	J	P-SPRING,CASSETTE BOX	*	4
	1-21	*82-125-214-019	S	T-SPRING,CASSETTE BOX		2
	1-22	81-794-014-010	J	WINDOW,BOX(R)	*	1
	1-22	81-794-133-010		WINDOW,BOX(R) A(SYSTEM305)		1
	1-23	81-794-003-119	S	CASSETTE BOX(R)	*	1
	1-24	*81-794-035-019	S	KNOB,REVERSE MODE	*	1
	1-25	---		HOLDER,SIDE R		1
	1-26	*81-546-210-010	J	GEAR,OIL-DAMPER ASSY		2
	1-27	*81-546-211-110	J	HOLDER OIL-DAMPER ASSY		2
	1-28	---		HOLDER,SIDE L		1
	1-29	*87-055-055-010	J	FOOT		4
	1-30	---		CHASSIS,AMP.		1
	1-31	*81-794-021-210	J	PANEL,REAR (H ONLY)	*	1
	1-31	*81-794-055-010	J	PANEL,REAR (U ONLY)	*	1
	1-31	*81-794-059-110	J	PANEL,REAR (C ONLY)	*	1
	1-31	*81-794-056-110	J	PANEL,REAR (E ONLY)	*	1
	1-31	*81-794-057-110	J	PANEL,REAR (K ONLY)	*	1
	1-31	*81-794-060-019	S	PANEL,REAR (G ONLY)	*	1
	1-31	*81-794-058-019	S	PANEL,REAR (Z ONLY)	*	1
	1-31	81-794-128-010		PANEL,REAR E(SYSTEM305)		1
	1-32	*87-084-077-010	J	NYLON,RIVET 3.5-4.5		1
	1-33	---		WIRE BINDER		1
	1-34	*81-794-020-010	J	CABINET,STEEL	*	1

EXPLODED VIEW-2

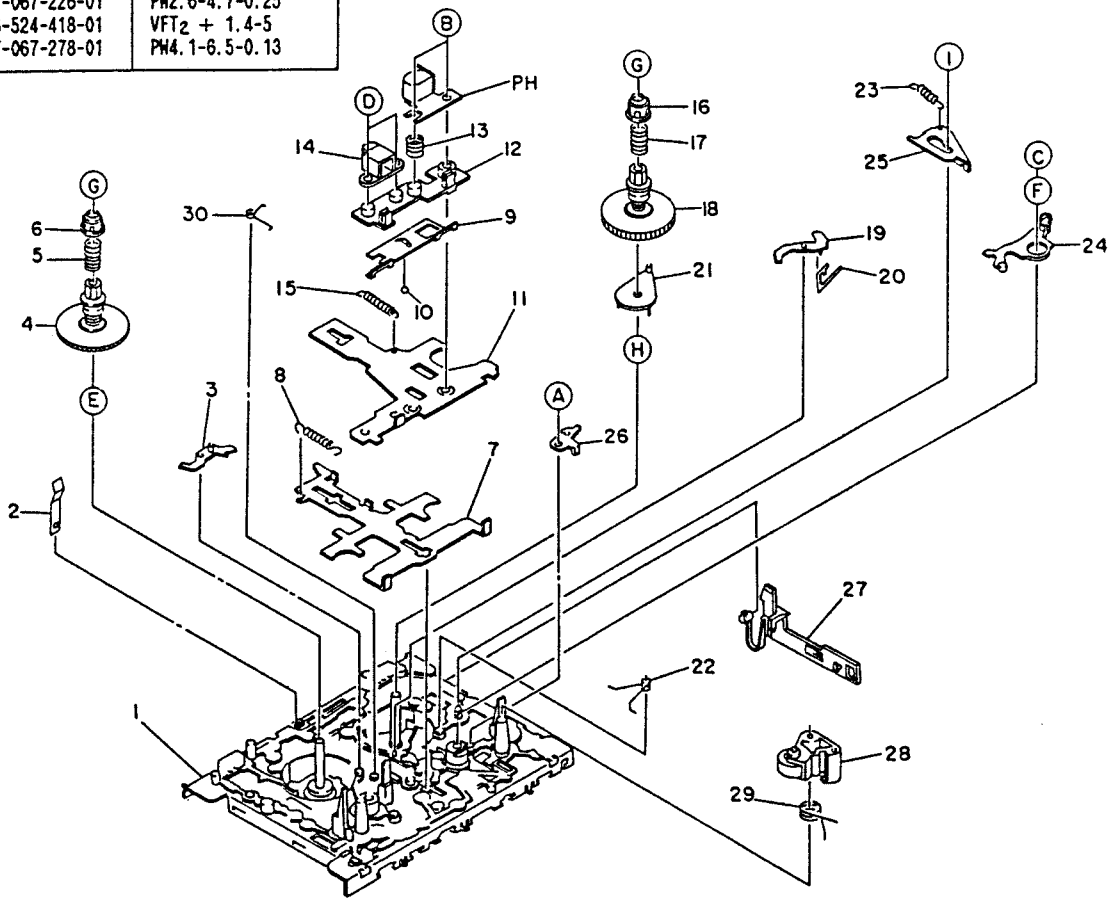
REF. NO.	PART NO.	DESCRIPTION
A	87-561-097-210	VFT_1 +3-12
B	87-356-095-219	VT_1+ 3-8[R]
C	87-067-054-019	VTT+3-6[R]
D	87-356-097-219	VT_1+3-12[R]
E	87-356-096-219	VT_1+3-10[R]
F	87-067-174-019	VTT+ 2-4
G	87-441-009-019	STE-3
H	87-067-410-019	VTT+3-6[B]
I	87-356-096-019	VT_1+3-10[B]
J	87-342-098-219	UT_1+3-14
K	87-512-094-219	VFT_2 + 3-6
L	87-251-169-219	U+ 4-6



PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	2-1	*81-794-215-110	J	HOLDER HP	*	1
	2-2	*81-559-203-110	J	LEVER,DUBBING	CA-W80	1
	2-3	*82-125-216-010	J	SHAFT,DUBBING		1
	2-4	*82-125-627-019	S	WIRE DUBBING ASSY		1
	2-5	*81-725-004-119	S	PUSH-KEY,DUBBING		1
	2-6	*81-725-005-119	S	PUSH-KEY,HI-DUBBING		1
	2-7	*81-794-023-010	J	PUSH-BUTTON,DSL	*	2
	2-8	*81-794-032-010	J	KNOB,BALANCE	*	1
	2-9	*81-794-031-119	S	PUSH-BUTTON,ST	*	1
	2-10	*81-794-007-019	S	PUSH-BUTTON,POWER	*	1
	2-11	*81-794-034-019	S	KNOB,SLIDE	*	1
	2-12	*81-794-213-010	J	HOLDER,PCB	*	1
	2-13	---		HEAT SINK ASSY		1
	2-14	*87-085-102-010	J	NYLON REVET 3.5-5.5		2
	2-15	*87-084-063-010	J	NYLON REVET 3-5.5		1
	2-16	*87-085-184-010	J	CORD BUSHING (H ONLY)		1
	2-16	*87-085-189-010	J	CORD BUSHING (U,C ONLY)		1
	2-16	*87-085-185-010	J	CORD BUSHING (E,K,G,Z ONLY)(SYSTEM305)		1
	2-17	*87-034-732-010	J	AC CORD (H ONLY)		1
	2-17	*87-034-994-010	J	AC CORD (U,C ONLY)		1
	2-17	*87-034-736-010	J	AC CORD (E,Z ONLY)(SYSTEM305)		1
	2-17	*87-034-975-010	J	AC CORD (K ONLY)		1
	2-17	*87-034-735-010	J	AC CORD (G ONLY)		1
	2-18	*81-559-208-010	J	SHAFT,PUSH-KEY	CA-W80	2
	2-19	*81-559-205-010	J	HOLDER,PUSH-KEY L	CA-W80	2
	2-20	*81-559-204-010	J	HOLDER,PUSH-KEY R	CA-W80	2
	2-21	*81-559-084-019	S	PUSH-KEY A DB	CA-W80	7
	2-22	*81-559-085-019	S	PUSH-KEY B DB	CA-W80	4

EXPLODED VIEW-3 (DECK-1)

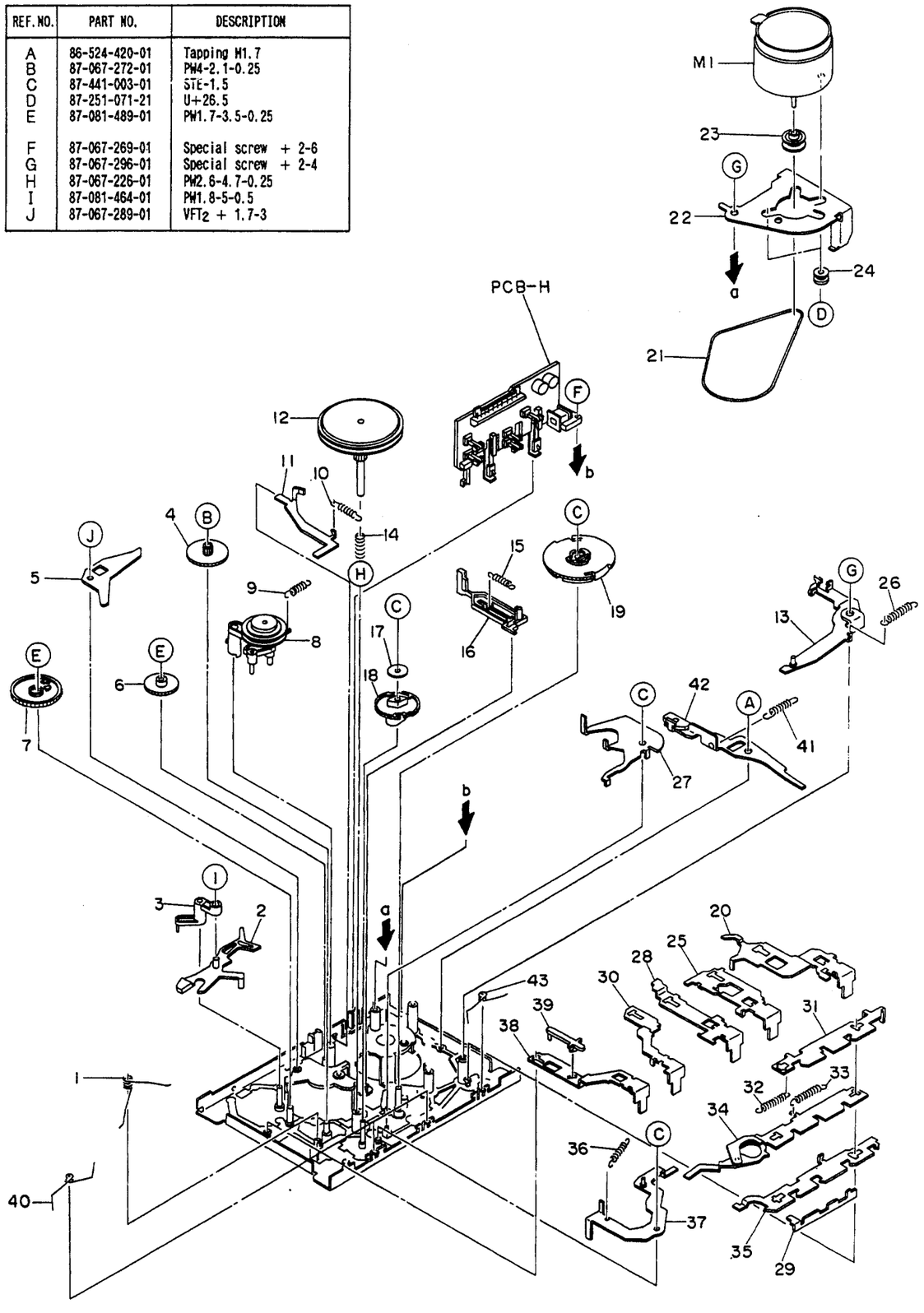
REF.NO.	PART NO.	DESCRIPTION
A	86-524-419-01	Tapping M1.4
B	87-067-361-01	V+ 2-6.3
C	87-441-005-01	STE-2
D	87-067-362-01	V+ 2-6.6
E	87-067-311-01	PW4.2-8-0.25
F	87-067-226-01	PW2.6-4.7-0.25
G	86-524-418-01	VFT$_2$ + 1.4-5
H	87-067-278-01	PW4.1-6.5-0.13



PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	3-1	*86-524-463-010	J	OUTSERT CHASSIS S ASSY		1
	3-2	*86-524-328-010	J	P-SPRING,CASSETTE HOLDER		1
	3-3	*86-524-295-110	J	PLATE BRAKE R		1
	3-4	86-524-309-010	J	REEL PLATFORM R ASSY		1
	3-5	*86-524-322-110	J	C-SPRING,REEL PLATFROM R		1
	3-6	*86-524-218-110	J	STOPPER S,REEL PLATFORM		1
	3-7	*86-524-259-210	J	PLATE,PINCH		1
	3-8	*86-524-320-010	J	E-SPRING,ACTUATING RESET		1
	3-9	*86-524-299-110	J	P-SPRING,ACTUATING		1
	3-10	*86-513-376-110	J	STEEL BALL 1.2		1
	3-11	86-524-467-010	J	ACTUATING CHASSIS S ASSY		1
	3-12	86-524-466-010	J	HEAD BASE S		1
	3-13	86-524-474-010	J	C-SPRING,AZIMUTH S		1
	3-14	82-174-222-110	J	EH DUMMY		1
	3-15	*86-524-321-010	J	E-SPRING,ACTUATING		1
	3-16	*86-524-233-110	J	STOPPER T,REEL PLATFORM		1
	3-17	*86-524-341-110	J	C-SPRING,REEL PLATFORM		1
	3-18	86-524-212-010	J	REEL PLATFORM ASSY		1
	3-19	*86-524-294-010	J	PLATE BRAKE F		1
	3-20	*86-524-342-110	J	P-SPRING,AUTO BLOCKING		1
	3-21	*86-524-283-110	J	SLIP DISC F		1
	3-22	*86-524-308-010	J	T-SPRING,BRAKE		1
	3-23	*86-524-317-110	J	E-SPRING,AUTO KICK		1
	3-24	*86-524-210-110	J	LEVER,PLAY GEAR F		1
	3-25	*86-524-469-010	J	LEVER,AUTO KICK S		1
	3-26	---		LEVER N		1
	3-27	*86-524-284-210	J	PLATE,C-BOX LOCK		1
	3-28	86-524-219-110	J	PINCH ROLLER ASSY F		1
	3-29	*86-524-472-110	J	T-SPRING,PINCH F S		1
	3-30	*86-524-473-010	J	T-SPRING,PLAY GEAR S		1

EXPLODED VIEW-4 (DECK-1)

REF.NO.	PART NO.	DESCRIPTION
A	86-524-420-01	Tapping M1.7
B	87-067-272-01	PW4-2.1-0.25
C	87-441-003-01	STE-1.5
D	87-251-071-21	U+26.5
E	87-081-489-01	PW1.7-3.5-0.25
F	87-067-269-01	Special screw + 2-6
G	87-067-296-01	Special screw + 2-4
H	87-067-226-01	PW2.6-4.7-0.25
I	87-081-464-01	PW1.8-5-0.5
J	87-067-289-01	VFT2 + 1.7-3



PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY
	4-1	*86-524-303-110	J	T-SPRING,PAUSE CAM		1
	4-2	*86-524-286-210	J	LEVER,AUTO KICK B		1
	4-3	*86-524-270-010	J	LEVER,AUTO		1
	4-4	86-524-334-010	J	PLAY GEAR F		1
	4-5	*86-524-386-110	J	LEVER,AUTO BLOCKING		1
	4-6	86-513-297-010	J	GEAR FF		1
	4-7	86-524-276-010	J	GEAR,AUTO CAM		1
	4-8	86-524-230-010	J	FR PULLEY ASSY		1
	4-9	*86-524-444-010	J	E-SPRING,FR LEVER A		1
	4-10	*86-524-448-110	J	E-SPRING,LEVER SW A		1
	4-11	*86-524-344-010	J	LEVER,FR SW		1
	4-12	*86-524-223-010	J	FLYWHEEL ASSY F		1
	4-13	*86-524-234-110	J	LEVR PLAY ASSY		1
	4-14	*86-524-323-010	J	C-SPRING,FLYWHEEL		1
	4-15	*86-524-311-110	J	E-SPRING,PLATE		1
	4-16	*86-524-333-210	J	PLATE SW		1
	4-17	*86-524-432-010	J	SPRING BEARING		1
	4-18	86-524-275-110	J	GEAR,PAUSE CAM		1
	4-19	86-524-465-010	J	MAIN CAM S		1
	4-20	---		PLATE BUTTON,REW		1
	4-21	86-524-471-010	J	MAIN BELT S		1
	4-22	---		HOLDER,MOTOR		1
	4-23	86-524-435-110	J	MOTOR PULLEY B2		1
	4-24	*86-524-441-110	J	COLLAR		2
	4-25	---		PLATE BUTTON,PLAY		1
	4-26	*86-524-313-210	J	E-SPRING,PLAY LEVER		1
	4-27	*86-524-271-110	J	TRIGGER LEVER,PAUSE		1
	4-28	---		PLATE BUTTON,FF		1
	4-29	*86-524-267-110	J	LEVER R,EXTENSION		1
	4-30	---		PLATE BUTTON,STOP		1
	4-31	*86-524-262-310	J	PLATE,DIRECTION BLOCKING		1
	4-32	*86-524-319-010	J	E-SPRING,LOCK PLATE		1
	4-33	*86-524-438-010	J	E-SPRING,LOCK PLATE A		1
	4-34	*86-524-263-010	J	PLATE EJECT ASSY		1
	4-35	*86-524-261-010	J	PLATE,LOCK		1
	4-36	*86-524-314-010	J	E-SPRING,TRIGGER LEVER		1
	4-37	*86-524-248-410	J	TRIGGER LEVER PLAY ASSY		1
	4-38	---		PLATE BUTTON,PAUSE		1
	4-39	*86-524-296-110	J	LEVER,PAUSE LOCK		1
	4-40	*86-524-415-410	J	T-SPRING,PUSH-KEY B		2
	4-41	*86-524-316-010	J	E-SPRING,MS LEVER		1
	4-42	*86-524-361-110	J	LEVER MS ASSY		1
	4-43	*86-524-416-310	J	T-SPRING,PUSH-KEY C		1

■ DECK—2 (2ME-5 R14)

See the 2ME-5 Mechanism Guide (Supplement of Service Manual) for the exploded views.
The following parts have been changed for this model.

Alteration Parts List

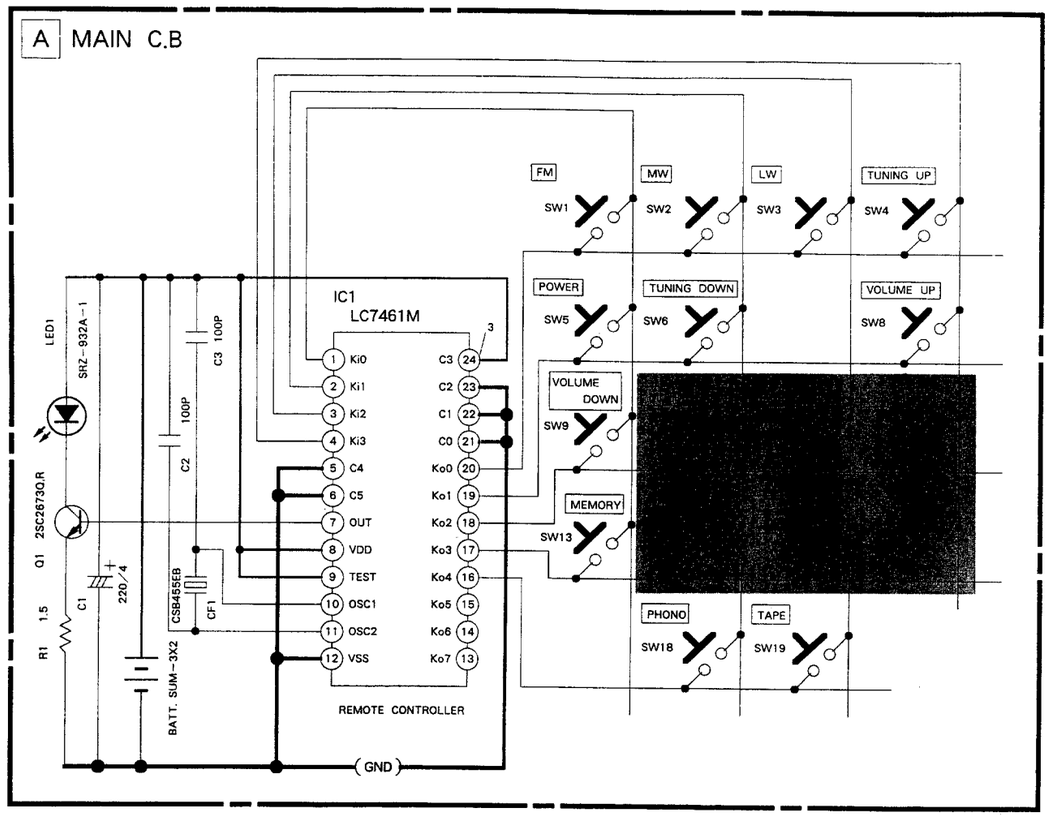
PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q'TY
	2-9	*86-524-444-010	J	E-SPRING,FR LEVER A		1
	2-10	*86-524-448-010	J	E-SPRING,LEVER SW A		1
	2-23	86-524-273-110	J	MOTOR PULLEY B		1
	2-54	*86-524-310-210	J	T-SPRING,REC		1

The following REF.NOS. are not used in this model.
1-9, 1-38, 1-39, 1-42, 1-46
2-30, 2-41~2-43, 2-45, 2-46

MODEL NO.

RC-T770, 305

SCHEMATIC DIAGRAM (RC-T770L, 305)



■■■: The shaded section is not applied to the model of SYSTEM 305

TRANSMITTER SIGNAL CODE (RC-T770L, 305)

KEY NO.	DATA CODE								FUNCTION
	D0	D1	D2	D3	D4	D5	D6	D7	
SW1	0	0	0	0	0	0	0	0	FM
SW2	1	0	0	0	0	0	0	0	MW
SW3	0	1	0	0	0	0	0	0	LW
SW4	1	1	0	0	0	0	0	0	TUNING
SW5	0	0	1	0	0	0	0	0	POWER
SW6	1	0	1	0	0	0	0	0	TUNING DOWN
SW7	0	1	1	0	0	0	0	0	NOT USED
SW8	1	1	1	0	0	0	0	0	VOLUME UP
SW9	0	0	0	1	0	0	0	0	VOLUME DOWN
SW10	1	0	0	1	0	0	0	0	MUTING

KEY NO.	DATA CODE								FUNCTION
	D0	D1	D2	D3	D4	D5	D6	D7	
SW11	0	1	0	1	0	0	0	0	PROGRAM
SW12	1	1	0	1	0	0	0	0	PLAY/PAUSE
SW13	0	0	1	1	0	0	0	0	MEMORY
SW14	1	0	1	1	0	0	0	0	STOP
SW15	0	1	1	1	0	0	0	0	F.SKIP
SW16	1	1	1	1	0	0	0	0	B.SKIP
SW17	0	0	0	0	1	0	0	0	NOT USED
SW18	1	0	0	0	1	0	0	0	PHONO
SW19	0	1	0	0	1	0	0	0	TAPE

SW11,12,13,14,15.16: CX-S770 ONLY

MECHANICAL, ELECTRICAL MAIN PARTS LIST (RC-T770L, 305)

REF.NO.	PART NO.	ORDER		DESCRIPTION
=== IC ===				
	87-020-980-010	J		IC,LC7461M
=== TRANSISTOR ===				
	89-326-732-019	S		TRANSISTOR,2SC2673QR
=== MAIN CIRCUIT BOARD SECTION ===				
PCB-A	81-794-615-019	S		MAIN CIRCUIT BOARD
C1	★87-010-082-019	S		CAP,ELECT 220-4V
LED1	★84-725-618-010	J		LED,SRZ-932A-1
=== MISCELLANEOUS ===				
	★81-794-064-019	S		PLATE RC EX(CX-S770)
	★81-794-137-019			PLATE RC A(SYSTEM 305)
	81-790-201-019	S		BATTERY,TERMINAL
	★81-793-003-019	S		CABINET,REAR
	81-793-004-019	S		LID,BATTERY
	★81-793-006-019	S		WINDOW,TRANSMISSION
	★81-794-050-019	S		CABINET,RC
	82-646-222-019	S		BATTERY,TERMINAL +
	82-662-206-019	S		BATTERY,TERMINAL
SW1	★81-794-063-019	S		PUSH BUTTON RUBBER EX(FM) (RC-T770L)
SW2	★ +++	S		PUSH BUTTON RUBBER EX(MW) (RC-T770L)
SW3	★ +++	S		PUSH BUTTON RUBBER EX(LW) (RC-T770L)
SW4	★ +++	S		PUSH BUTTON RUBBER EX(TUN.UP) (RC-T770L)
SW5	★ +++	S		PUSH BUTTON RUBBER EX(POWER) (RC-T770L)
SW6	★ +++	S		PUSH BUTTON RUBBER EX(TUN.DOWN) (RC-T770L)
SW8	★ +++	S		PUSH BUTTON RUBBER EX(VOL.UP) (RC-T770L)
SW9	★ +++	S		PUSH BUTTON RUBBER EX(VOL.DOWN) (RC-T770L)
SW10	★ +++	S		PUSH BUTTON RUBBER EX(MUTING) (RC-T770L)
SW11	★ +++	S		PUSH BUTTON RUBBER EX(PROGRAM) (RC-T770L)
SW12	★ +++	S		PUSH BUTTON RUBBER EX(PL/PAUSE) (RC-T770L)
SW13	★ +++	S		PUSH BUTTON RUBBER EX(MEMORY) (RC-T770L)
SW14	★ +++	S		PUSH BUTTON RUBBER EX(STOP) (RC-T770L)
SW15	★ +++	S		PUSH BUTTON RUBBER EX(F-SKIP) (RC-T770L)
SW16	★ +++	S		PUSH BUTTON RUBBER EX(B-SKIP) (RC-T770L)
SW18	★ +++	S		PUSH BUTTON RUBBER EX(PHONO) (RC-T770L)
SW19	★ +++	S		PUSH BUTTON RUBBER EX(TAPE) (RC-T770L)
SW1	★81-794-138-019			PUSH BUTTON RUBBER A(FM) (SYSTEM 305)
SW2	★ +++			PUSH BUTTON RUBBER A(MW) (SYSTEM 305)
SW3	★ +++			PUSH BUTTON RUBBER A(LW) (SYSTEM 305)
SW4	★ +++			PUSH BUTTON RUBBER A(TUN.UP) (SYSTEM 305)
SW5	★ +++			PUSH BUTTON RUBBER A(POWER) (SYSTEM 305)
SW6	★ +++			PUSH BUTTON RUBBER A(TUN.DOWN) (SYSTEM 305)
SW8	★ +++			PUSH BUTTON RUBBER A(VOL.UP) (SYSTEM 305)
SW9	★ +++			PUSH BUTTON RUBBER A(VOL.DOWN) (SYSTEM 305)
SW10	★ +++			PUSH BUTTON RUBBER A(MUTING) (SYSTEM 305)
SW18	★ +++			PUSH BUTTON RUBBER A(PHONO) (SYSTEM 305)
SW19	★ +++			PUSH BUTTON RUBBER A(TAPE) (SYSTEM 305)

NOTE: Remote Controller RC-T770L (PART NO. 86-235-002-019)
SYSTEM 305 (PART NO. 86-235-009-019)
Availability of this commander is very limited, so please order its individual parts.

MODEL NO.

PX-SE770

This service manual contains service information for only altered and added sections of Model PX-SE770. if requiring other service information,see the service manual of Model PX-E550.

Alteration Parts List

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	56	*84-147-015-010	J	PANEL,FRONT E770	*	1
	66	*S5-240-425-001	J	STYLUS		1

Note When placing an order for service parts, always enter the parts code number up to the last numeral on the service parts ordering sheet.

■SPEAKER LIST

(SX-S770)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*83-147-002-019	S	SX-S770	*	1

(SX-S770A)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*83-147-022-019	S	SX-S770A	*	1

(SX-S750)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*83-138-001-019	S	SX-S750		1
	2	*83-138-010-019	S	FRONT PANEL ASSY		1
	3	*83-138-601-019	S	SPEAKER WOOFER		1
	4	*83-136-603-019	S	SPEAKER TWEETER		1
	5	*83-096-614-019	S	SPEAKER CORD ASSY		1

(SYSTEM 305)

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1	SW-658-08C-FX2	WOOFFER,SPEAKER		1
	2	ST-251-785-PW1	TWEETER,SPEAKER		1
	3	S1-90A-305-000	CORD ASSY		1
	4	S4-01A-305-000	FRONT PANEL ASSY		1

■ACCESSORIES/PACKAGE LIST

(V-770)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*81-720-901-019	S	INSTRUCTION BOOKLET	*	1
	2	*87-043-092-019	S	LOOP ANTENNA (S)		1
	3	*81-748-632-010	J	FM FEEDER ANTENNA		1
	4	*87-049-137-019	S	SIEMENS PLUG (H ONLY)		1

(CP-770)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*81-720-901-019	S	INSTRUCTION BOOKLET	*	1
	2	*87-049-137-019	S	SIEMENS PLUG (H ONLY)		1
	3	*81-748-632-010	J	FM FEEDER ANTENNA M (EXCEPT Z)		1
	4	*87-043-092-019	S	LOOP ANTENNA (S)		1

(HF-750)

PART NO. CHANGED TO	REF. NO.	PART NO.	ORDER	DESCRIPTION	COMMON MODEL	Q, TY
	1	*81-716-901-019	S	INSTRUCTION BOOKLET	*	1
	2	*87-043-092-019	S	LOOP ANTENNA (S)		1
	3	*81-748-632-010	J	FM FEEDER ANTENNA M		1
	4	*87-049-137-019	S	SIEMENS PLUG (H ONLY)		1

(SYSTEM 305)

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1	81-720-910-019	INSTRUCTION BOOKLET		1
	2	87-043-092-019	LOOP ANTENNA (S)		1
	3	81-748-632-019	FM FEEDER ANTENNA M		1